trc
canada

## **CERTIFICATE OF ANALYSIS**

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Catalogue Number: R07050F CAS Number: 117976-47-3   Product: Rabeprazole Sulfone 2-[[[4-(3-Methoxypropoxy)-3-methyl-2- pyridinyl]methyl]sulfonyl]-1H-benzimidazole; USP Rabeprazole Related Compound D; Rabeprazole Related Compound D; Rabeprazole Related Compound D; Rabeprazole Related Compound D; Rabeprazole Related Compound D;   Structure:	1. Identification						
Synonym:2-[[[4-(3-Methoxypropoxy)-3-methyl-2-pyridinyl]methyl]sulfonyl]-1H-benzimidazole; USP Rabeprazole Edetated Compound D; Rabeprazole ED Impurity AStructure: $f + f + f + f + f + f + f + f + f + f +$		R070505			117976-47-3		
$ \begin{array}{c c c c c c } \hline \begin{tabular}{l c c c } \hline \end{tabular} \begin{tabular}{l c c c } \hline \end{tabular} \begin{tabular}{l c c c } \hline \end{tabular} \begin{tabular}{l c c c c } \hline \end{tabular} \begin{tabular}{l c c c c } \hline \end{tabular} \begin{tabular}{l c c c c c } \hline \end{tabular} \begin{tabular}{l c c c c c c } \hline \end{tabular} \begin{tabular}{l c c c c c c c c c c c c c c c c c c c$		Rabeprazole Sulfone			pyridinyl]methyl]sulfonyl]-1H-benzimidazole; USP Rabeprazole Related Compound D;		
Lot Molecular weight:   375.44   Source of Product:   Synthetic   Solubility:   Methanol (Slightly)   Lot   Number:   18-MVI-36-1   Purity:   94%   Shipping   This Product Is Stable To Be   Condition:   Shipped At Room Temperature   Storage   Condition:   Shipped At Room Temperature   Varning 1:   Warning 2:   Warning 3:   Analytical Information:   Tests: Specifications:   NMR Conforms to Structure   Conforms to Structure Conforms   Appearance White to Yellow Solid   MS Conforms to Structure   HPLC Purity Report Result   HPLC Purity Report Result   HPLC Purity Report Result   HPLC Purity Report Result   HPLC Purity N/A	Structure:	A ↓ O N			Molecular Formula:		
Lot Number: 18-MVI-36-1 Purity: 94%   Shipping: This Product Is Stable To Be Condition: Storage Condition: -20°C   2. Warning 1: Warning 2: Warning 3:   3. Analytical Information Purity: 94%   3. Analytical Information: Storage Condition: -20°C   1. Warning 2: Warning 3:   3. Analytical Information: Purity: 94.62% (200 nm)   PLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms NIR   Additional Information: N/A		C L S COCHA		C18H21N3O4S			
Lot Number: 18-MVI-36-1 Source of Product: Synthetic Solubility: Methanol (Slightly)   Lot Number: 18-MVI-36-1 Purity: 94%   Shipping Condition: This Product Is Stable To Be Condition: Storage Condition: -20°C   2. Warning 1: Warning 2: Warning 3:   3. Analytical Information Fess: Specifications:   Tests: Specifications: Results:   NMR Conforms to Structure Conforms   Appearance White to Yellow Solid Off-White to Pale Yellow Solid   MS Conforms to Structure Conforms   HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms %C: 57.72, %H: 5.75, %N: 11.17   Additional Information: N/A		CH3			Molecular weight:		
Synthetic Synthetic   Solubility: Methanol (Slightly)   Lot Number: 18-MVI-36-1   Number: 18-MVI-36-1 Purity: 94%   Shipping This Product Is Stable To Be Condition: Storage Condition: -20°C   2. Warning 1: Warning 2: Warning 3:   3. Analytical Information Festis: Specifications:   Tests: Specifications: Results:   NMR Conforms to Structure Conforms   Appearance White to Yellow Solid Off-White to Pale Yellow Solid   MS Conforms to Structure Conforms   HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms %C: 57.72, %H: 5.75, %N: 11.17   Additional Information: N/A					375.44		
Lot Number: 18-MVI-36-1 Purity: 94%   Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature Storage Condition: -20°C   2. Warning Warning 1: Warning 2: Warning 3:   3. Analytical Information Fests: Specifications: Results:   NMR Conforms to Structure Conforms   Appearance White to Yellow Solid Off-White to Pale Yellow Solid   MS Conforms to Structure Conforms   HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms %C: 57.72, %H: 5.75, %N: 11.17   Additional Information: N/A N/A					Source of Product:		
Lot Number: 18-MVI-36-1 Purity: 94%   Shipping: This Product Is Stable To Be Condition: Storage Condition: -20°C   2. Warning Warning 1: Warning 2: Warning 3:   3. Analytical Information: Storage Conforms 1:   Tests: Specifications: Results:   NMR Conforms to Structure Conforms   Appearance White to Yellow Solid Off-White to Pale Yellow Solid   MS Conforms to Structure Conforms   HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms to 1: N/A   Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of 1 ± 2%. Isotopic purity is based on mas distribution observed. The contents of the specifications are subject to change					Synthetic		
Lot Number: 18-MVI-36-1 Purity: 94%   Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature Storage Condition: -20°C   2. Warning 1: Warning 2: Warning 3:   3. Analytical Information Purity: 94%   Tests: Specifications:   Specifications: Results:   NMR Conforms to Structure Conforms   Appearance White to Yellow Solid Off-White to Pale Yellow Solid   MS Conforms to Structure Conforms   HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis N/A Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change					-		
Number: 18-MV1-36-1 94%   Shipping Condition: This Product Is Stable To Be Condition: Storage Condition: -20°C   2. Warning Warning 1: Warning 2: Warning 3:   3. Analytical Information Specifications: Results:   Tests: Specifications: Results:   NMR Conforms to Structure Conforms   Appearance White to Yellow Solid Off-White to Pale Yellow Solid   MS Conforms to Structure Conforms   HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms %C: 57.72, %H: 5.75, %N: 11.17   Additional Information: N/A					Methanol (Slightly)		
Shipping This Froduct is Stable Ford: Condition: -20°C   Condition: Shipped At Room Temperature Condition: -20°C   2. Warning Warning 1: Warning 2: Warning 3:   3. Analytical Information Tests: Specifications: Results:   NMR Conforms to Structure Conforms   Appearance White to Yellow Solid Off-White to Pale Yellow Solid   MS Conforms to Structure Conforms   HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms %C: 57.72, %H: 5.75, %N: 11.17   Additional Information: N/A		18-MVI-36-1		Purity:	94%		
Warning 1: Warning 2: Warning 3:   3. Analytical Information 3. Analytical Information 5. Analytical Information   Tests: Specifications: Results:   NMR Conforms to Structure Conforms   Appearance White to Yellow Solid Off-White to Pale Yellow Solid   MS Conforms to Structure Conforms   HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms W/A   Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change				Storage Condition:	-20°C		
Joint Provide Structure Provide Structure Conforms   Appearance White to Yellow Solid Off-White to Pale Yellow Solid   MS Conforms to Structure Conforms   MPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms %C: 57.72, %H: 5.75, %N: 11.17   Additional Information: N/A   Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change	2. Warning						
Tests: Specifications: Results:   NMR Conforms to Structure Conforms   Appearance White to Yellow Solid Off-White to Pale Yellow Solid   MS Conforms to Structure Conforms   HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms N/A   Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change	Warning 1: Warning 2:		Warning 2:		Warning 3:		
NMR Conforms to Structure Conforms   Appearance White to Yellow Solid Off-White to Pale Yellow Solid   MS Conforms to Structure Conforms   HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms   Additional Information: N/A	3. Analytical Information						
Appearance White to Yellow Solid Off-White to Pale Yellow Solid   MS Conforms to Structure Conforms   HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms   Additional Information: N/A   Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change	Tests:	Specifications:			Results:		
MS Conforms to Structure Conforms   HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms %C: 57.72, %H: 5.75, %N: 11.17   Additional Information: N/A   Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change	NMR	Conforms to Stru	ucture		Conforms		
HPLC Purity Report Result 94.62% (200 nm)   Elemental Analysis Conforms %C: 57.72, %H: 5.75, %N: 11.17   Additional Information: N/A   Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change	Appearance	White to Yellow	Solid		Off-White to Pale Yellow Solid		
Elemental Analysis Conforms %C: 57.72, %H: 5.75, %N: 11.17   Additional Information: N/A   Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change	MS	Conforms to Stru	ucture		Conforms		
Additional Information: $N/A$ Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm$ 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change	HPLC Purity	Report Result			94.62% (200 nm)		
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of $\pm$ 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change	Additional Information: N/A						
4. Signatures							

Reviewed By<br/>Nicole YipReviewed By<br/>Toni RantanenC of A Approved<br/>By<br/>Chanell ChuTest Date<br/>11/8/2023Retest DateMMMMMMGundGud11/8/202311/6/2033