

## **CERTIFICATE OF ANALYSIS**

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	Cui	Idud				
1. Identificati	ion					
Catalogue Number:	D4458	91		CAS Number:	2096989-56-7	
Product:	Difluor (propyl d]pyrin	3R,5S)-3-(7-(((1S,2R)-2-(3,4- ophenyl)cyclopropyl)amino)-5- thio)-3H-[1,2,3]triazolo[4,5- nidin-3-yl)-5-(2- yethoxy)cyclopentane-1,2-diol		Synonym:	Ticagrelor Impu	rity
Structure:		NH NH			Molecular Formula	:
					C23H28F2N6O4	S
	(1 <i>S</i> ,2 <i>S</i> ,3 <i>R</i> ,5 <i>S</i> )∹ [1 2 3]tria:		(propylthio)-3 <i>H</i> - ⊳1 2-diol		Molecular weight:	
	[1,2,0](104	coole, o-alphinian-o-yi-o-(z-nyaroxyenoxy) cyclopenane	-1,2-001		522.57	
					Source of Product	::
					Synthetic	
					Solubility:	
					DMSO (Slightly) (Slightly, Heate	
Lot Number:	11-AQ	L-13-6		Purity:	96%	
Shipping Condition:       This Product Is Stable To Be Shipped At Room       Storage Condition:       -20°C         Condition:       Temperature						
2. Warning Warning 1:		Warr	ning 2:		Warning 3:	
			ning 2:		Warning 3:	
Warning 1:			ning 2:	Result	-	
Warning 1: 3. Analytical I	Informati	on	-		-	id
Warning 1: 3. Analytical I Tests:	informati	on Specifications:	-	White	s:	
Warning 1: 3. Analytical I Tests: Appearance	informati	on Specifications: White to Off-White Soli	-	White	s: to Off-White Soli .º (c = 0.2, Meth	
Warning 1: 3. Analytical I Tests: Appearance Specific Rot	informati	on Specifications: White to Off-White Soli Report Result	-	White +25.1	s: to Off-White Soli l° (c = 0.2, Metha orms	
Warning 1: 3. Analytical I Tests: Appearance Specific Rot NMR	informati e cation	on Specifications: White to Off-White Soli Report Result Conforms to Structure Conforms to Structure	-	White +25.1 Confo Confo	s: to Off-White Soli l° (c = 0.2, Metha orms	anol)
Warning 1: 3. Analytical I Tests: Appearance Specific Rot NMR MS	informati e cation	on Specifications: White to Off-White Soli Report Result Conforms to Structure Conforms to Structure	-	White +25.1 Confo Confo	s: to Off-White Soli l° (c = 0.2, Methi orms orms 52.64, %H: 5.46,	anol)
Warning 1: 3. Analytical I Tests: Appearance Specific Rot NMR MS Elemental A	Informati e ation Analysis	on Specifications: White to Off-White Soli Report Result Conforms to Structure Conforms to Structure Conforms	-	White +25.1 Confo Confo %C: ! Confo	s: to Off-White Soli l° (c = 0.2, Methi orms orms 52.64, %H: 5.46,	anol)
Warning 1: 3. Analytical I Tests: Appearance Specific Rot NMR MS Elemental A F NMR	Informati e ation Analysis	on Specifications: White to Off-White Soli Report Result Conforms to Structure Conforms to Structure Conforms Conforms to Structure Report Result	-	White +25.1 Confo Confo %C: ! Confo	s: to Off-White Soli l° (c = 0.2, Metha orms orms 52.64, %H: 5.46, orms	anol)
Warning 1: 3. Analytical I Tests: Appearance Specific Rot NMR MS Elemental A F NMR HPLC Purity Additional Purity is based of ± 2%. Isoto	Informati ation analysis / Informat	on Specifications: White to Off-White Soli Report Result Conforms to Structure Conforms to Structure Conforms Conforms to Structure Report Result	d s performed. NMR a tion observed. The	White +25.1 Confo Confo %C: ! Confo 96.11	s: to Off-White Soli orms orms 52.64, %H: 5.46, orms % (225 nm)	anol) , %N: 15.70 ble) may have an accuracy
Warning 1: 3. Analytical I Tests: Appearance Specific Rot NMR MS Elemental A F NMR HPLC Purity Additional Purity is based of ± 2%. Isoto	Informati cation Analysis / Informat opic purit ice notice	on Specifications: White to Off-White Soli Report Result Conforms to Structure Conforms to Structure Conforms Conforms to Structure Report Result ion: N/A malytical results of the test y is based on mass distribute	d s performed. NMR a tion observed. The	White +25.1 Confo Confo %C: ! Confo 96.11	s: to Off-White Soli orms orms 52.64, %H: 5.46, orms % (225 nm)	anol) , %N: 15.70 ble) may have an accuracy
Warning 1: 3. Analytical I Tests: Appearance Specific Rot NMR MS Elemental A F NMR HPLC Purity Additional Purity is based of ± 2%. Isoto without advant	Informati cation Analysis / Informat opic purit ice notice	on Specifications: White to Off-White Soli Report Result Conforms to Structure Conforms to Structure Conforms Conforms to Structure Report Result ion: N/A malytical results of the test y is based on mass distribute	d s performed. NMR a tion observed. The es displayed here a C of A Approv	White +25.1 Confo Confo %C: ! Confo 96.11	s: to Off-White Soli orms orms 52.64, %H: 5.46, orms % (225 nm)	anol) , %N: 15.70 ble) may have an accuracy
Warning 1: 3. Analytical I Tests: Appearance Specific Rot NMR MS Elemental A F NMR HPLC Purity Additional Purity is based of ± 2%. Isotowithout advantage 4. Signatures	Informati cation Analysis / Informat opic purit ice notice	on Specifications: White to Off-White Soli Report Result Conforms to Structure Conforms to Structure Conforms to Structure Report Result ion: N/A malytical results of the test y is based on mass distribute and the specification value	d s performed. NMR i tion observed. The es displayed here a	White +25.1 Confo Confo %C: ! Confo 96.11	s: to Off-White Soli 1° (c = 0.2, Metha orms 52.64, %H: 5.46, orms % (225 nm) cal Analysis (if availa the specifications a up to date values.	anol) , %N: 15.70 ble) may have an accuracy are subject to change