



CERTIFICATE OF ANALYSIS

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1. Identification

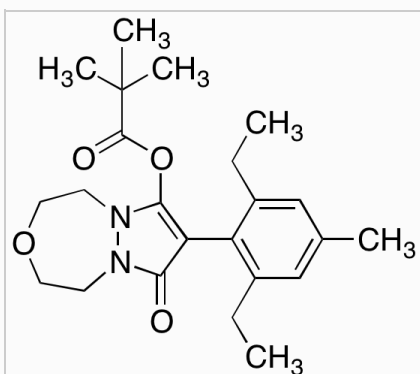
Catalogue Number: P469505

CAS Number: 243973-20-8

Product: Pinoxaden

Synonym: NewAxial; 8-(2,6-Diethyl-4-methylphenyl)-1,2,4,5-tetrahydro-7-oxo-7H-pyrazolo[1,2-d][1,4,5]oxadiazepin-9-yl 2,2-Dimethylpropanoic Acid Ester;

Structure:



Molecular Formula:

C₂₃H₃₂N₂O₄

Molecular weight:

400.51

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 711862273-1-1

Purity: 98%

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

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.75% (205 nm)
MS	Conforms to Structure	Conforms
Appearance	White to Pale Beige Solid	White to Off-White Solid
Elemental Analysis	Conforms	%C: 68.91, %H: 7.70, %N: 7.30

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 without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjeeet Kaur	Toni Rantanen	Rami Dhanoa	8/31/2023	8/29/2027