

1. Identification

Catalogue Number

TRC-T718515

Lot Number

1-ADC-59-1

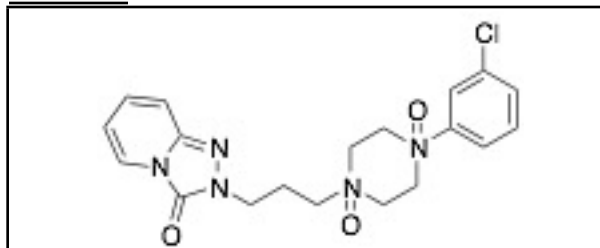
Product Name

Trazodone 1,4-Di-N-Oxide

Synonyms

2-[3-[4-(3-Chlorophenyl)-1-piperazinyl]propyl]-1,2,4-triazolo[4,3-a]pyridin-3(2H)-one 1,4-Dioxide ;

Structure



CAS Number

1346603-99-3

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₉H₂₂ClN₅O₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

403.86

Purity

96%

2. Warnings

Hygroscopic

3. Analytical Information



| <u>Tests</u> | <u>Specifications</u> | <u>Results</u> |
|--------------------|--------------------------|--------------------------------|
| Appearance | White to Off-White Solid | White Solid |
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 49.44, %H: 5.73, %N: 15.04 |
| HPLC Purity | Report Result | 97.56% (215 nm) |
| MS | Conforms to Structure | Conforms |
| Water Content | Report Result | 8.5% by Karl Fischer |

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

| <u>Reviewed by</u> | <u>Reviewed by</u> | <u>C of A Approved by</u> | <u>Test Date</u> | <u>Retest Date</u> |
|----------------------------|---|---|------------------|--------------------|
| Evan Burns |  |  | 7/9/2021 | 7/7/2025 |
| Evan Burns | Toni Rantanen | Chanell Chu | | |
| Product Quality Specialist | Manager, Quality Assurance | Jr. Quality Assurance | | |