

1. Identification

Catalogue Number

D291150

Lot Number

2-SHG-100-3

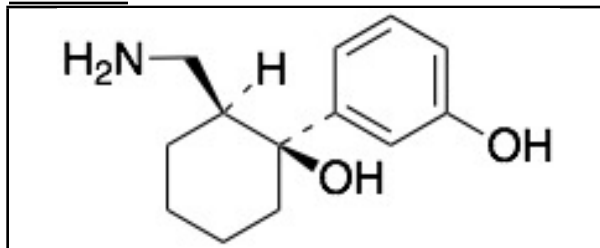
Product Name

(-)-O-Desmethyl-N,N-bisdesmethyl Tramadol

Synonyms

3-[(1S,2S)-2-(Aminomethyl)-1-hydroxycyclohexyl]phenol;

Structure



CAS Number

185502-41-4

Solubility

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₃H₁₉NO₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

221.3

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Yellow Solid	White Solid
Melting Point	Report Result	76 - 80°C
NMR	Conforms to structure	Conforms
Elemental Analysis	Conforms	%C: 65.25, %H: 8.06, %N: 5.72
HPLC Purity	>95%	98.12%
MS	Conforms to structure	Conforms
Specific Rotation	Report Result	-7.9° (c = 0.1, Methanol)

Additional Information

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

EB

Eric Beaton

Reviewed by

RTU

Rhonda Tu

C of A Approved by

HBN

My Nguyen

Test Date

10/9/2018

Retest Date

10/7/2028