



1. Identification

Catalogue Number

D479560

Lot Number

7-DAD-186-3

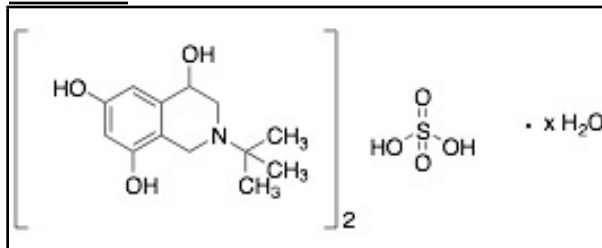
Product Name

2-(1,1-Dimethylethyl)-1,2,3,4-tetrahydro-4,6,8-Isoquinolinetriol Hemisulfate Hydrate

Synonyms

Terbutaline Sulfate Impurity B Hemisulfate Hydrate

Structure



CAS Number

N/A

Solubility

DMSO (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

$2(C_{13}H_{19}NO_3) \cdot H_2SO_4 \cdot x(H_2O)$

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

$2(237.30) + 98.07 + x(18.02)$

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Off-White to Pale Beige Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 48.63, %H: 7.51, %N: 4.40
HPLC Purity	>95%	99.07% (200 nm)
MS	Conforms to Structure	Conforms
Water Content	Report Result	9.7% 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 $\pm 2\%$. 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>
R. Swathi			12/18/2023	12/16/2027
swathi reddy	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		