

1. Identification

Catalogue Number

M225835

Lot Number

712228005-1-1

Product Name

Metaproterenol Hemisulfate Salt

Synonyms

5-[1-Hydroxy-2-[(1-methylethyl)amino]ethyl]-1,3-benzenediol Sulfate; 3,5-Dihydroxy- α -[(isopropylamino)methyl]benzyl Alcohol Sulfate; (\pm)-Orciprenaline Sulfate; 1-(3,5-Dihydroxyphenyl)-1-hydroxy-2-isopropylaminoethane Sulfate; 3,5-Dihydroxy- α -[(isopropylamino)methyl]benzyl Alcohol Sulfate; Alotec; Alupent; Astmopent; Metaprel; Metaproterenol Sulfate; Novasmasol; Orciprenaline Sulfate

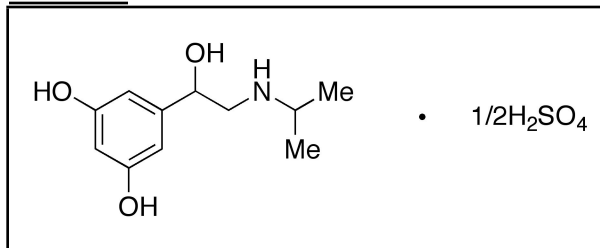
CAS Number

5874-97-5

Solubility

DMSO (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

$C_{11}H_{17}NO_3 \cdot 1/2H_2SO_4$

Source of Product

N/A

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

211.26 + 0.5(98.07)

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests	Specifications	Results
Appearance	White to Pale Beige Solid	Off-White to Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 50.84, %H: 6.91, %N: 5.34
HPLC Purity	>95%	99.88% (205 nm)
MS	Conforms to Structure	Conforms
Sulfate Content	Report Result	16.3%

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

Reviewed by	Reviewed by	C of A Approved by	Test Date	Retest Date
			5/15/2025	5/13/2029
Jessica Wang Chi	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		