

Dexrazoxane Intermediate

Chiral (S)-1,2-diaminopropane dihydrochloride building block for dexrazoxane-related and fine-chemical synthesis.

CAS No. 19777-66-3	EC / List No. 606-377-3	Transport Non-dangerous goods
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Product Information

Chiral (S)-1,2-diaminopropane dihydrochloride building block for dexrazoxane-related and fine-chemical synthesis.

Specifications

Parameter	Specification
Appearance	Off-white to yellowish crystalline powder
Water	≤5.0 %
Specific optical rotation, 4% w/v aqueous solution at 25°C	-6.0 to -4.0 °
Purity by GC	≥99.0 %
Assay by titrimetry, anhydrous basis	≥98.0 %
R-enantiomer by HPLC	≤0.1 %

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	C3H10N2·2HCl
Molecular weight	147.05 g/mol

Applications

Dexrazoxane-related synthesis: Chiral precursor for technically supervised dexrazoxane-related synthesis development.

Pharmaceutical intermediate development: Building block for qualified pharmaceutical intermediate processes.

Fine-chemical and chiral process trials: Chiral diamine salt for selected fine-chemical research and process evaluation.

Packaging / Storage

Item	Information
Packing	5 kg or 25 kg drums
Storage	Keep tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat and contamination; retain original sealed packaging until use.
Shelf life	24 months in sealed original packaging under cool, dry storage conditions.
Handling	Use contained powder transfer and effective local extraction. Wear compatible gloves, goggles and protective clothing. Avoid dust inhalation and skin or eye contact; provide eyewash access and wash thoroughly after handling.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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