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## Product Datasheet

### Ropivacaine hydrochloride monohydrate, CAS [[132112-35-7]] BYT-ORB1300589

Article Name	Ropivacaine hydrochloride monohydrate, CAS [[132112-35-7]]
Biozol Catalog Number	BYT-ORB1300589
Supplier Catalog Number	orb1300589
Alternative Catalog Number	BYT-ORB1300589-1,BYT-ORB1300589-10,BYT-ORB1300589-100,BYT-ORB1300589-200,BYT-ORB1300589-25,BYT-ORB1300589-50,BYT-ORB1300589-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Ropivacaine hydrochloride monohydrate is a local anesthetic agent that reversibly inhibits voltage-gated sodium channels to block nerve conduction. It is widely used in research involving pain management, neuropharmacology, and anesthetic mechanisms,...
Molecular Weight	328.88
Purity	>99.99% (May vary between batches)
CAS Number	[132112-35-7]
Formula	C17H29ClN2O2
Target	Potassium Channel,Sodium Channel
Application Notes	Solubility: H2O:46 mg/mL (139.87 mM),DMSO:65 mg/mL (197.64 mM),Ethanol:< 1 mg/mL (insoluble or slightly soluble),10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (6.08 mM)