

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **K145 hydrochloride, CAS [[1449240-68-9]] BYT-ORB1296177**

Article Name	K145 hydrochloride, CAS [[1449240-68-9]]
Biozol Catalog Number	BYT-ORB1296177
Supplier Catalog Number	orb1296177
Alternative Catalog Number	BYT-ORB1296177-10, BYT-ORB1296177-25, BYT-ORB1296177-5, BYT-ORB1296177-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	K145 hydrochloride is an orally active, substrate-competitive, and selective SphK2 inhibitor (IC50 = 4.3 µM, K = 6.4 µM). It exhibits potent antitumor activity by inducing apoptosis, making it a valuable tool for oncology research in both cellular an...
Molecular Weight	384.92
Purity	99.80% (May vary between batches)
CAS Number	[1449240-68-9]
Formula	C18H25ClN2O3S
Target	S1P Receptor, Apoptosis
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween-80+45% Saline:1 mg/mL (2.6 mM), H2O:125 mg/mL (324.74 mM), DMSO:45 mg/mL (116.91 mM)