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## Product Datasheet

### VU591 hydrochloride, CAS [[1315380-70-1]] BYT-ORB1308948

Article Name	VU591 hydrochloride, CAS [[1315380-70-1]]
Biozol Catalog Number	BYT-ORB1308948
Supplier Catalog Number	orb1308948
Alternative Catalog Number	BYT-ORB1308948-1,BYT-ORB1308948-10,BYT-ORB1308948-100,BYT-ORB1308948-200,BYT-ORB1308948-25,BYT-ORB1308948-5,BYT-ORB1308948-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	VU591 hydrochloride is a potent and selective antagonist of the renal outer medullary potassium channel (Kir1.1/ROMK), with an IC50 of 0.24 µM. It is a valuable research tool for studying renal physiology, hypertension, and diuretic mechanisms in bot...
Molecular Weight	404.76
Purity	99.95% (May vary between batches)
CAS Number	[1315380-70-1]
Formula	C16H13ClN6O5
Target	Potassium Channel
Application Notes	Solubility: DMSO:4.33 mg/mL (10.7 mM)