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Product Datasheet

AqB013, CAS [[1021869-51-1]]

FBM-10-5723

Article Name	AqB013, CAS [[1021869-51-1]]
Biozol Catalog Number	FBM-10-5723
Supplier Catalog Number	10-5723
Alternative Catalog Number	FBM-10-5723-5MG, FBM-10-5723-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Aquaporin blocker...
Molecular Weight	440.52
Purity	>98% by TLC NMR (Conforms)
Form	Off-white solid
CAS Number	[1021869-51-1]
Formula	C22H24N4O4S
Application Notes	AqB013 is a selective aquaporin-1 and -4 inhibitor (IC50 ~ 20 mM) which acts at the cytoplasmic side of the AQP water pore. ¹ It blocks cGMP-stimulated human retinal pigment epithelium fluid transport. ² In HT29 colon cancer cells AqB013 restricted migration and invasiveness and prevented endothelial tube formation. ^{3,4} It reduces the invasiveness of U87-MG and U251-MG glioblastoma cells in vitro. ⁵