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Product Datasheet

AqB013, CAS [[1021869-51-1]] FBM-10-5723

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| 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 |