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Product Datasheet

P053, CAS [[1022417-69-1]]

FBM-10-4060

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| Article Name | P053, CAS [[1022417-69-1]] |
| Biozol Catalog Number | FBM-10-4060 |
| Supplier Catalog Number | 10-4060 |
| Alternative Catalog Number | FBM-10-4060-5MG, FBM-10-4060-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | Protein phosphatase 5 inhibitor... |
| Molecular Weight | 342.41 |
| Purity | >98% by HPLC NMR (Conforms) |
| Form | Beige solid |
| CAS Number | [1022417-69-1] |
| Formula | C18H18N2O3S |
| Application Notes | P053 is a selective inhibitor of protein phosphatase 5 (PP5) - IC50 = 706 nM.1 PP5 regulates signaling cascades that are responsible for tumor initiation, progression, and metastasis and is thus an interesting anticancer target. P053 induced apoptosis in 786-O renal carcinoma cells. Inhibition of PP5 by P053 prevents deactivation of the death effector protein FADD and activates the extrinsic apoptosis pathway complex II. |