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Product Datasheet

CPI-444, CAS [[1202402-40-1]]

FBM-10-4101

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| Article Name | CPI-444, CAS [[1202402-40-1]] |
| Biozol Catalog Number | FBM-10-4101 |
| Supplier Catalog Number | 10-4101 |
| Alternative Catalog Number | FBM-10-4101-5MG, FBM-10-4101-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | Adenosine A2A receptor antagonist... |
| Molecular Weight | 407.43 |
| Purity | 98% by HPLC NMR (Conforms) |
| Form | Beige solid |
| CAS Number | [1202402-40-1] |
| Formula | C20H21N7O3 |
| Application Notes | CPI-444 (1202402-40-1) is a potent ($K_i = 3.54$ nM) and selective adenosine A2A receptor antagonist. It blocked the induction of cAMP induced by NECA in HEK-293 cells with an $IC_{50} = 17.03$ nM. CPI-444 monotherapy or in combination with anti-PD-1, anti-PD-L1, and anti-CTLA-4 induced T-cell-mediated tumor responses, inhibited tumor growth, and enabled antitumor immune memory. ^{1,2} Currently in clinical trials for multiple cancers. ³ |