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Product Datasheet

V-9302, CAS [[1855871-76-9]]

FBM-10-4245

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| Article Name | V-9302, CAS [[1855871-76-9]] |
| Biozol Catalog Number | FBM-10-4245 |
| Supplier Catalog Number | 10-4245 |
| Alternative Catalog Number | FBM-10-4245-5MG, FBM-10-4245-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | Glutamine transport inhibitor... |
| Molecular Weight | 538.69 |
| Purity | 98% by HPLC NMR (Conforms) |
| Form | Off-white solid |
| CAS Number | [1855871-76-9] |
| Formula | C34H38N2O4 |
| Application Notes | Selective inhibitor of the alanine-serine-cysteine transporter 2 (ASCT2 or SLC1A5, IC50 = 9.0 µM rat and 9.6 µM human).1,2 It inhibited the uptake of both glutamine and possibly other amino acids in human cancer cells and reduced in vitro viability by at least 20% in more than half of 29 cancer cell lines screened.2 V-9302 decreased mTOR activity, elevated autophagy, and increased oxidative stress in multiple animal cancer models.2-5 |