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## Product Datasheet

### GSK-J1, CAS [[1373422-53-7]] FBM-10-1393

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Article Name               | GSK-J1, CAS [[1373422-53-7]]                                                                                                                                                                                                                                                                                                                                                                                           |
| Biozol Catalog Number      | FBM-10-1393                                                                                                                                                                                                                                                                                                                                                                                                            |
| Supplier Catalog Number    | 10-1393                                                                                                                                                                                                                                                                                                                                                                                                                |
| Alternative Catalog Number | FBM-10-1393-5MG,FBM-10-1393-25MG                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                     |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Description        | JMJ H3K27 Demethylase inhibitor (Non-cell permeable)...                                                                                                                                                                                                                                                                                                                                                                |
| Molecular Weight           | 389.46                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity                     | 99% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                             |
| Form                       | Pale yellow solid                                                                                                                                                                                                                                                                                                                                                                                                      |
| CAS Number                 | [1373422-53-7]                                                                                                                                                                                                                                                                                                                                                                                                         |
| Formula                    | C22H23N5O2                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes          | Potent and selective inhibitor of jumonji H3K27 histone demethylases JMJD3 and UTX (IC50 = 60 nM, human JMJD3). This is the first known inhibitor selective for the H3K27me3-specific JMJD subfamily which binds to the active catalytic site of the enzyme. The COOH group confers cell impermeability and as such is useful as a standard in in vitro assays. A cell permeable ethyl ester analog is also available. |