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## Product Datasheet

### GSK-J4 FBM-10-1394

|                            |  |
|----------------------------|--|
| Article Name               | GSK-J4   |
| Biozol Catalog Number      | FBM-10-1394  |
| Supplier Catalog Number    | 10-1394  |
| Alternative Catalog Number | FBM-10-1394-5MG,FBM-10-1394-25MG   |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | JMJ H3K27 Demethylase inhibitor (Cell Permeable)...  |
| Molecular Weight           | 417.48   |
| Purity                     | 99% by TLC, NMR (Conforms)   |
| Form                       | Yellow waxy solid  |
| CAS Number                 | [1373423-53-0]   |
| Formula                    | C <sub>24</sub> H <sub>27</sub> N <sub>5</sub> O <sub>2</sub>  |
| Application Notes          | Histone demethylase JMJD3/UTX inhibitor. Inhibits demethylation of histone H3K27. Reduces LPS-induced proinflammatory cytokine production in primary human macrophages (IC <sub>50</sub> = 9 μM for the inhibition of TNFalpha release). Cell permeable, ethyl ester of GSK J11. Rescues newborn pups from embryonic lethality in BRAF knockin mice which recapitulate major features of RASopathies2. |