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## Product Datasheet

### DMOG, CAS [[89464-63-1]]

### FBM-10-2371

|                            |   |
|----------------------------|---|
| Article Name               | DMOG, CAS [[89464-63-1]]  |
| Biozol Catalog Number      | FBM-10-2371   |
| Supplier Catalog Number    | 10-2371   |
| Alternative Catalog Number | FBM-10-2371-50MG, FBM-10-2371-100MG   |
| Manufacturer               | Focus Biomolecules  |
| Category                   | Biochemikalien  |
| Product Description        | Inhibits prolyl hydroxylase domain-containing proteins...   |
| Molecular Weight           | 175.14  |
| Purity                     | 99% by TLC, NMR (Conforms)  |
| Form                       | Off-white solid   |
| CAS Number                 | [89464-63-1]  |
| Formula                    | C6H9NO5   |
| Application Notes          | Inhibits PHD or prolyl hydroxylase domain-containing proteins, activating HIF1alpha1,2 and inhibiting JMJD2A (IC50 = 2.5 µM)3. Displays neuroprotective effects. Inhibits neuronal cell death caused by neurotrophin deprivation4. Prevents activation of the ATR/CHK1/p53 pathway and suppresses apoptosis induced by DNA damage5. |