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## Product Datasheet

### SKA-31, CAS [[40172-65-4]] FBM-10-5483

|                            |                                                                                                                                                                                                                                                                                                                                             |
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| Article Name               | SKA-31, CAS [[40172-65-4]]                                                                                                                                                                                                                                                                                                                  |
| Biozol Catalog Number      | FBM-10-5483                                                                                                                                                                                                                                                                                                                                 |
| Supplier Catalog Number    | 10-5483                                                                                                                                                                                                                                                                                                                                     |
| Alternative Catalog Number | FBM-10-5483-10MG,FBM-10-5483-50MG                                                                                                                                                                                                                                                                                                           |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                          |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                              |
| Product Description        | Potassium channel activator...                                                                                                                                                                                                                                                                                                              |
| Molecular Weight           | 200.25                                                                                                                                                                                                                                                                                                                                      |
| Purity                     | 98% by TLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                   |
| Form                       | Off-white solid                                                                                                                                                                                                                                                                                                                             |
| CAS Number                 | [40172-65-4]                                                                                                                                                                                                                                                                                                                                |
| Formula                    | C11H8N2S                                                                                                                                                                                                                                                                                                                                    |
| Application Notes          | KCa3.1 and KCa2 potassium channel activator (EC50 =260, 2900, 2900 nM for KCa3.1, KCa2.1 and KCa2.2 respectively). Enhanced acetylcholine-induced EDHF dilator response in mouse carotid arteries and lowers blood pressure in mouse models at 30 mg/Kg. <sup>1,2</sup> Evokes robust vasodilation in rat mesenteric arteries. <sup>3</sup> |