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## Product Datasheet

### Ro 31-8425 HCl, CAS [[145317-11-9]] FBM-10-1563

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|----------------------------|--|
| Article Name               | Ro 31-8425 HCl, CAS [[145317-11-9]]  |
| Biozol Catalog Number      | FBM-10-1563  |
| Supplier Catalog Number    | 10-1563  |
| Alternative Catalog Number | FBM-10-1563-1MG,FBM-10-1563-5MG  |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | PKC inhibitor...   |
| Molecular Weight           | 460.96   |
| Purity                     | 98% by TLC, NMR (Conforms)   |
| Form                       | Red solid  |
| CAS Number                 | [145317-11-9]  |
| Formula                    | C <sub>26</sub> H <sub>24</sub> N <sub>4</sub> O <sub>2</sub> HCl  |
| Application Notes          | Selective, reversible, ATP-competitive inhibitor of protein kinase C. Inhibits PKC $\alpha$ , $\beta$ 1, $\beta$ 2, $\gamma$ and $\epsilon$ , IC <sub>50</sub> = 8, 8, 14,13 and 39 nM respectively. <sup>1</sup> Extremely useful tool for probing PKC-dependent physiology <sup>2</sup> or signaling pathways <sup>3</sup> . Increases MSC adhesion to an ICAM-1 coated substrate in vitro and enables targeted delivery of systematically administered MSCs to inflamed sites in vivo in a CD11a-dependent manner. <sup>4</sup> Cell permeable. |