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## Product Datasheet

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

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 PKCα, β1, β2, γ and ε, 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.