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Product Datasheet

Fasnall HCl, CAS [[929978-58-5]] FBM-10-1613

Article Name	Fasnall HCl, CAS [[929978-58-5]]
Biozol Catalog Number	FBM-10-1613
Supplier Catalog Number	10-1613
Alternative Catalog Number	FBM-10-1613-5MG, FBM-10-1613-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Fatty acid synthase inhibitor...
Molecular Weight	374.93
Purity	98% by TLC, NMR (Conforms)
Form	Pale yellow solid
CAS Number	[929978-58-5]
Formula	C ₁₉ H ₂₂ N ₄ S HCl
Application Notes	Potent and selective fatty acid synthase (FASN) inhibitor acting via interfering with cofactor binding. ¹ IC ₅₀ s = 147 and 213 nM respectively for inhibition of acetate and glucose incorporation into total lipids in HepG2 cells. IC ₅₀ =5.84 µM in an isolated enzyme assay. Displays potent antitumor activity in the MMTV-Neu HER2+ breast cancer model. ¹ Reduces HIV-1 virion production by 90% (EC ₅₀ =213 nM). ²