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Product Datasheet

ABT-418 HCl, CAS [[147388-83-8]] FBM-10-1470

Article Name	ABT-418 HCl, CAS [[147388-83-8]]
Biozol Catalog Number	FBM-10-1470
Supplier Catalog Number	10-1470
Alternative Catalog Number	FBM-10-1470-5MG, FBM-10-1470-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Nicotinic acetylcholine receptor agonist, cognition enhancer...
Molecular Weight	202.68
Purity	98% by TLC, NMR (Conforms)
Form	Tan solid
CAS Number	[147388-83-8]
Formula	C ₉ H ₁₄ N ₂ O HCl
Application Notes	Agonist at neuronal nicotinic acetylcholine receptors displaying the highest potency at alpha4beta2 and alpha2beta2 subtypes (EC ₅₀ = approximately 6 and 11 µM, respectively).1 Displays anxiolytic activity in a rat model and was 6-fold more potent than diazepam.2 Reduces distractibility in a primate model3 and may have relevance in attention deficit hyperactivity disorder4. Improves cognition in Alzheimers disease patients.5