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Product Datasheet

Ibudilast, CAS [[50847-11-5]] FBM-10-2236

Article Name	Ibudilast, CAS [[50847-11-5]]
Biozol Catalog Number	FBM-10-2236
Supplier Catalog Number	10-2236
Alternative Catalog Number	FBM-10-2236-5MG, FBM-10-2236-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Neuroinflammation inhibitor (PDE pan-inhibitor)...
Molecular Weight	230.31
Purity	98% by HPLC, NMR (Conforms)
Form	White solid
CAS Number	[50847-11-5]
Formula	C ₁₄ H ₁₈ N ₂ O
Application Notes	Phosphodiesterase inhibitor with some selectivity for PDE4 and 5. (IC ₅₀ s= 53, 35, 48,12 and10 µM for PDE 1a, 2, 3, 4 and 5 respectively ¹). Acts as a cerebral vasodilator by selectively inducing a cGMP-independent relaxation of the intracranial vertebrobasilar artery. ² Attenuates neuroinflammation and enhances retinal ganglion cell viability in glaucoma via PKA signaling. ³ A glial cell activation inhibitor. ⁴ Enhances morphine analgesia and attenuates tolerance and withdrawal. ⁵ Orally active and crosses the blood-brain barrier. ⁵