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Product Datasheet

Formoterol hemifumarate, CAS [[43229-80-7]] FBM-10-5092

Article Name	Formoterol hemifumarate, CAS [[43229-80-7]]
Biozol Catalog Number	FBM-10-5092
Supplier Catalog Number	10-5092
Alternative Catalog Number	FBM-10-5092-10MG, FBM-10-5092-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	beta2 adrenergic agonist...
Molecular Weight	402.5
Purity	99% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[43229-80-7]
Formula	C ₁₉ H ₂₄ N ₂ O ₄ 1/2 C ₄ H ₄ O ₄
Application Notes	Potent, long-acting agonist specific to beta2 (K _i = 7.6 nM), but not beta1 (K _i > 2.6 μM), adrenergic receptors in trachea (pD ₂ = 9.3) over atrium (pD ₂ = 7.0). ^{1,2} Reduces adhesion and superoxide anion production in cultured activated eosinophils. ³ Reverses cachexia in rats and mice via inhibition of the ATP-ubiquitin-dependent proteolytic system. ⁴ Rescues LPS-induced motor function deficits and nigrostriatal dopamine loss in a rat model of Parkinsons. ⁵ Clinically useful for respiratory diseases.