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Product Datasheet

Indacaterol maleate, CAS [[753498-25-8]] FBM-10-4371

Article Name	Indacaterol maleate, CAS [[753498-25-8]]
Biozol Catalog Number	FBM-10-4371
Supplier Catalog Number	10-4371
Alternative Catalog Number	FBM-10-4371-10MG,FBM-10-4371-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	β2 adrenoceptor agonist/Splicing factor SRSF6 inhibitor...
Molecular Weight	508.57
Purity	>98% by HPLC NMR (Conforms)
Form	White to off-white solid
CAS Number	[753498-25-8]
Formula	C ₂₄ H ₂₈ N ₂ O ₃ C ₄ H ₄ O ₄
Application Notes	Indacaterol maleate is a full agonist (pEC ₅₀ = 8.06) of the human β ₂ adrenoceptor. ^{1,2} Clinically important drug for the treatment of chronic obstructive pulmonary disease. Indacaterol blocked colorectal cancer progression in vitro (IC ₅₀ = 19.01 μM) and in vivo via inhibition of the splicing factor SRSF6 by binding to its RRM2 domain. ³ It also blocked cell migration in metastatic breast cancer MDA-MB-231 cells by a similar mechanism. ⁴