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## Product Datasheet

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

Artikelname	Indacaterol maleate, CAS [[753498-25-8]]
Artikelnummer	FBM-10-4371
Hersteller Artikelnummer	10-4371
Alternativnummer	FBM-10-4371-10MG,FBM-10-4371-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	β2 adrenoceptor agonist/Splicing factor SRSF6 inhibitor...
Molekulargewicht	508.57
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White to off-white solid
CAS Nummer	[753498-25-8]
Formel	C <sub>24</sub> H <sub>28</sub> N <sub>2</sub> O <sub>3</sub> C <sub>4</sub> H <sub>4</sub> O <sub>4</sub>
Anwendungsbeschreibung	Indacaterol maleate is a full agonist (pEC <sub>50</sub> = 8.06) of the human β <sub>2</sub> adrenoceptor. <sup>1,2</sup> Clinically important drug for the treatment of chronic obstructive pulmonary disease. Indacaterol blocked colorectal cancer progression in vitro (IC <sub>50</sub> = 19.01 μM) and in vivo via inhibition of the splicing factor SRSF6 by binding to its RRM2 domain. <sup>3</sup> It also blocked cell migration in metastatic breast cancer MDA-MB-231 cells by a similar mechanism. <sup>4</sup>