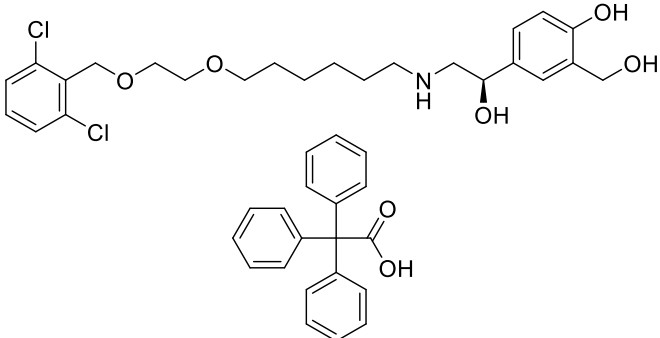




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
314240	Vilanterol trifenate	C8R03B06

Chemical name	
(R)-4-(2-(((6-(2-((2,6-dichlorobenzyl)oxy)ethoxy)hexyl)amino)-1-hydroxyethyl)-2-(hydroxymethyl)phenol 2,2,2-triphenylacetate	
Synonyms	
GW-642444; GW642444; GW-642444; GW 642444X; Vilanterol; Vilanterol trifenate	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314240 Name: Vilanterol trifenate CAS#: 503070-58-4 (trifenate) Lot#: C8R03B06 Chemical Formula: C ₄₄ H ₄₉ Cl ₂ NO Molecular Weight: 774.78

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE