

Product Name	: Milveterol
Synonyms	: GSK 159797
Cat No.	: M15483
CAS Number	: 652990-07-3
Molecular Formula	: C ₂₅ H ₂₉ N ₃ O ₄
Formula Weight	: 435.52
Chemical Name	: N-(2-hydroxy-5-((R)-1-hydroxy-2-((4-(((R)-2-hydroxy-2-phenylethyl)amino)phenethyl)amino)ethyl)phenyl)formamide
Description	Milveterol (GSK 159797) is a potent, selective long-acting β_2 adrenoceptor agonist with pEC ₅₀ of 10.2 in cell-based assays, displays good β_2/β_1 selectivity (>300-fold); demonstrates high potency in vitro and long duration of action in a guinea pig model of bronchoprotection. Asthma Phase 2 Discontinued
Pathway	: Angiogenesis
Target	: Adrenergic Receptor
Receptor	: Adrenergic Receptor
Solubility	: —
SMILES	: <chem>C1=CC=C(C=C1)C(CNC2=CC=C(C=C2)CCNCC(C3=CC(=C(C=C3)O)NC=O)O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Jacobsen JR, et al. Bioorg Med Chem Lett. 2012 Jan 15;22(2):1213-8. | 2. Fuso L, et al. Curr Med Chem. 2013;20(12):1477-95. | 3. Jacobsen JR, et al. Bioorg Med Chem Lett. 2014 Jun 15;24(12):2625-30.