

Product Name	: PF-00610355
Synonyms	: PF-610355
Cat No.	: M16243
CAS Number	: 862541-45-5
Molecular Formula	: C ₃₄ H ₃₉ N ₃ O ₆ S
Formula Weight	: 617.76
Chemical Name	: N-((4'-hydroxy(1,1'-biphenyl)-3-yl)methyl)-3-(2-(((2R)-2-hydroxy-2-(4-hydroxy-3-((methylsulfonyl)amino)phenyl)ethyl)amino)-2-methylpropyl)-benzeneacetamide
Description	PF-00610355 (PF 610355) is a potent, selective, and long-acting β_2 -adrenoreceptor agonist with EC ₅₀ of 0.26 nM; displays 220-fold selectivity over β_1 ; exhibits potential as inhaled ultra-long-acting bronchodilators for the treatment of asthma and chronic obstructive pulmonary disease. Asthma Phase 2 Discontinued
Pathway	: Angiogenesis
Target	: Adrenergic Receptor
Receptor	: Adrenergic Receptor
Solubility	: —
SMILES	: <chem>O=C(NCC1=CC(C2=CC=C(O)C=C2)=CC=C1)CC3=CC=CC(CC(C)(NC[C@H](O)C4=CC=C(O)C(NS(=O)(C)=O)=C4)C)=C3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Glossop PA, et al. J Med Chem. 2010 Sep 23;53(18):6640-52. | 2. Diderichsen PM, et al. Br J Clin Pharmacol. 2013 Nov;76(5):752-62.