

Product Name	: Formoterol Hemifumarate
Synonyms	: CGP 25827A; Foradil; NSC 299587; YM-08316
Cat No.	: M14471
CAS Number	: 43229-80-7
Molecular Formula	: C ₁₉ H ₂₄ N ₂ O ₄ ·1/2C ₄ H ₄ O ₄
Formula Weight	: 402.40
Chemical Name	: —
Description	: Formoterol Hemifumarate is a potent, selective and long-acting β ₂ -adrenoceptor agonist used in the management of asthma and chronic obstructive pulmonary disease (COPD).
Pathway	: Endocrinology/Hormones
Target	: Adrenergic Receptor
Receptor	: β ₂ -adrenergic receptor
Solubility	: DMSO: 80 mg/mL (198.8 mM)
SMILES	: <chem>C[C@@H](CC1=CC=C(C=C1)OC)NC[C@H](C2=CC(=C(C=C2)O)NC=O)O.O.C[C@@H](CC1=CC=C(C=C1)OC)NC[C@H](C2=CC(=C(C=C2)O)NC=O)O.C(=C/C(=O)O)\C(=O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Kobayashi Y, et al. Pulm Pharmacol Ther. 2012 Jun;25(3):201-7.