

Product Name : Alogliptin

Synonyms : Alogliptin

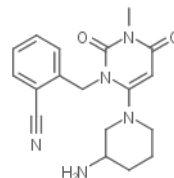
Cat No. : M17613

CAS Number : 850649-61-5

Molecular Formula : C₁₈H₂₁N₅O₂

Formula Weight : 339.39

Chemical Name : (R)-2-((6-(3-aminopiperidin-1-yl)-3-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)methyl)benzonitrile



Description : Alogliptin is a DPP-4 inhibitor used for the treatment of Type 2 diabetes. Like other members of the gliptin class, it causes little or no weight gain, exhibits relatively little risk of causing hypoglycemia, and exhibits relatively modest glucose-lowering activity. Alogliptin and other gliptins are commonly used in combination with metformin in patients whose diabetes cannot adequately be controlled with metformin alone.

Pathway : Chromatin/Epigenetic

Target : Sirtuin

Receptor : DPP-4

Solubility : —

SMILES : CN1C(=O)C=C(N2CCC[C@@H](N)C2)N(CC2=CC=CC=C2C#N)C1=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Feng J, et al. J Med Chem, 2007, 50(10), 2297-2300.