

Product Name	: EP2 receptor antagonist-2
Synonyms	: —
Cat No.	: M36104
CAS Number	: 615273-95-5
Molecular Formula	: C ₁₅ H ₁₄ F ₃ N ₃ O
Formula Weight	: 309.29
Chemical Name	: —
Description	EP2 receptor antagonist-2 (CID891729) is an antagonist of EP2 receptor. EP2 receptor antagonist-2 inhibits the EP2 receptor activation induced by PGE ₂ . EP2 receptor antagonist-2 also suppresses lactate dehydrogenase (LDH) release induced by N-methyl-D-aspartate (NMDA).
Pathway	: GPCR/G Protein
Target	: Prostaglandin Receptor
Receptor	: Prostaglandin Receptor
Solubility	: In Vitro: ?DMSO : 125 mg/mL (404.15 mM; Ultrasonic)
SMILES	: <chem>FC(F)(F)c1cc(nc(n1)N1CCOCC1)-c1ccccc1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Jiang J, et al. Discovery of 2-Piperidinyl Phenyl Benzamides and Trisubstituted Pyrimidines as Positive Allosteric Modulators of the Prostaglandin Receptor EP2. ACS Chem Neurosci. 2018 Apr 18;9(4):699-707. ?