

Product Name : CREB inhibitor

Synonyms : CREB inhibitor

Cat No. : M20071

CAS Number : 1433286-70-4

Molecular Formula : C₃₃H₃₁Cl₂N₃O₅

Formula Weight : 620.52

Chemical Name : 3-(3-Aminopropoxy)-N-[2-[[[3-[[[4-chloro-2-hydroxyphenyl]amino]carbonyl]-2-naphthalenyl]oxy]ethyl]-2-naphthalenecarboxamide hydrochloride

Description : 666-15 is a potent and selective CREB inhibitor (IC₅₀: 81 nM).

Pathway : Chromatin/Epigenetic

Target : Epigenetic Reader Domain

Receptor : CREB

Solubility : DMSO: 60 mg/mL (96.7 mM)

SMILES : Cl.NCCCOc1cc2ccccc2cc1C(=O)NCCOc1cc2ccccc2cc1C(=O)Nc1ccc(Cl)cc1O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Xie F et al. Identification of a Potent Inhibitor of CREB-Mediated Gene Transcription with Efficacious in Vivo Anticancer Activity. J Med Chem. 2015 Jun 25;58(12):5075-87.

