

Product Data Sheet

Product Name: GNE 5729

Cat. No.: GC31076

Chemical Properties

Cas. No. 2026635-66-3

SMILES ClC1=C([C@H]2[C@H](C#N)C2)N3C(C=C1)=NC(CN4N=C(C(F)(F)F)C=C4Cl)=CC3=O

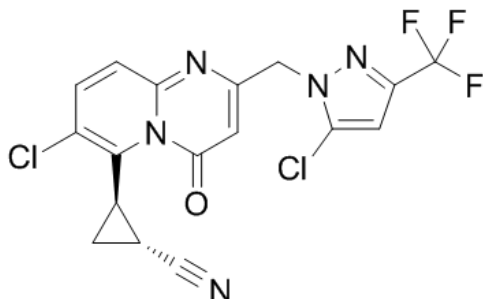
Formula $C_{17}H_{10}Cl_2F_3N_5O$ M.Wt 428.2

Solubility DMSO : 100 mg/mL (233.54 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

GNE 5729 is a brain permeable positive allosteric modulator of NMDAR, with an EC₅₀ of 37 nM for GluN2A, 4.7 and 9.5 μM for GluN2C and GluN2D, respectively.

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Caution: Product has not been fully validated for medical applications. For research use only.

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[1]. Villemure E, et al. GluN2A-Selective Pyridopyrimidinone Series of NMDAR Positive Allosteric Modulators with an Improved in Vivo Profile. ACS Med Chem Lett. 2016 Oct 31;8(1):84-89.

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