

Product Data Sheet

Product Name: VU6012962

Cat. No.: GC34320

Chemical Properties

Cas. No. 2313526-86-0

SMILES O=C(C1=CC=C(OCC2CC2)C(OC)=C1)NC3=C(N4C=NC=N4)C=CC(OC(F)(F)F)=C3

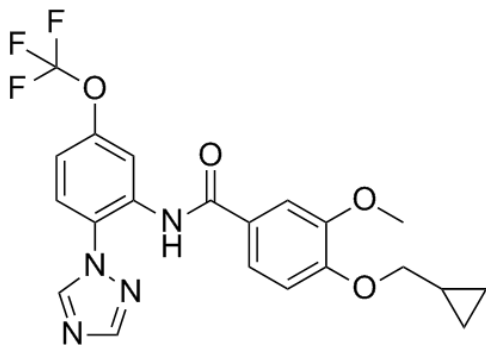
Formula $C_{21}H_{19}F_3N_4O_4$ M.Wt 448.4

Solubility DMSO : 125 mg/mL (278.77 mM); Water : < 0.1 mg/mL (insoluble) 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

VU6012962 is an orally bioavailable and CNS-penetrant metabotropic glutamate receptor 7 (mGlu7) negative allosteric modulator (NAM) with an IC₅₀ of 347 nM[1].

[1]. Reed CW, et al. Discovery of an orally bioavailable and Central Nervous System (CNS) penetrant mGlu7 Negative Allosteric Modulator (NAM) in vivo tool compound: N-(2-(1H-1,2,4-triazol-1-yl)-5-

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

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(trifluoromethoxy)phenyl)-4-(cyclopropylmethoxy)-3-methoxybenzamide (VU6012962). J Med Chem.
2019 Jan 4.

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