

Product Data Sheet

Product Name: VU0360172

Cat. No.: GC64513

Chemical Properties

Cas. No. 1310012-12-4

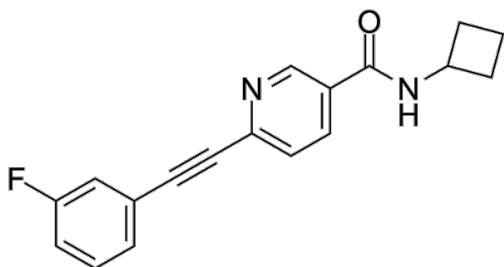
Formula C₁₈H₁₅FN₂O M.Wt 294.32

Solubility DMSO : 83.33 mg/mL (283.13 mM; Storage 4°C, protect from light
Need ultrasonic)

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

VU0360172 is a potent and selective mGlu5 receptor positive allosteric modulator with an EC₅₀ value of 16 nM and a K_i of 195 nM, respectively. VU0360172 stimulates polyphosphoinositide (PI)

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

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hydrolysis in vivo, which is abrogated in mGlu5 receptors gene deleted mice[1].

[1]. Zuenas AR, et al. In Vivo Non-radioactive Assessment of mGlu5 Receptor-Activated Polyphosphoinositide Hydrolysis in Response to Systemic Administration of a Positive Allosteric Modulator. Front Pharmacol. 2018 Jul 31;9:804.

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