

Product Data Sheet

Product Name: VU0477573

Cat. No.: GC79303

Chemical Properties

Cas. No. 1946021-40-4

Formula $C_{18}H_{17}FN_2O$

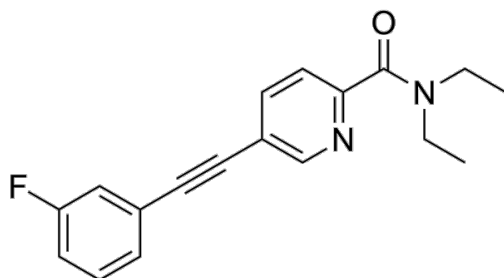
M.Wt 296.34

Solubility Storage Store at room temperature

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

VU0477573 is a brain-penetrant partial negative allosteric modulator of metabotropic glutamate receptor subtype 5 (mGluR5). VU0477573 exhibits neuroprotective and anxiolytic effects.

VU0477573 can be used for the research of neurological disease, such as Parkinson disease [1].

References:

[1]. Nickols HH, et al. VU0477573: Partial Negative Allosteric Modulator of the Subtype 5 Metabotropic Glutamate Receptor with In Vivo Efficacy. J Pharmacol Exp Ther. 2016 Jan;356(1):123-36.

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

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