

Product Data Sheet

Product Name: VU 6008667

Cat. No.: GC37928

Chemical Properties

Cas. No. 2092923-21-0

SMILES O=C1C2=CC=CC=C2[C@]3(C4=CC=C(Cl)C(C)=C4)N1CCN3C(C5=CC(F)=C(F)C=C5)=O

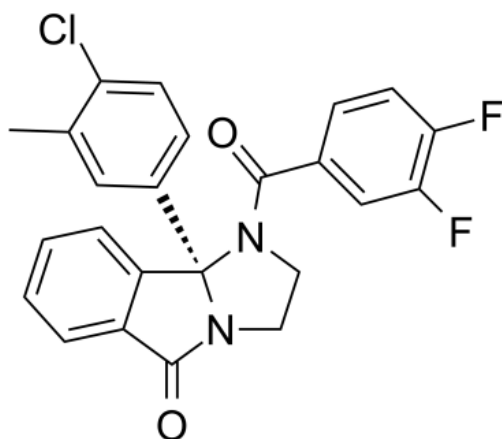
Formula $C_{24}H_{17}ClF_2N_2O_2$ M.Wt 438.85

Solubility DMSO: 100 mg/mL (227.87 mM) 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

VU 6008667 is a selective negative allosteric modulator of muscarinic acetylcholine receptor subtype 5 (M5 NAM) with IC₅₀s of 1.2 μM and 1.6 μM for human M5 and rat M5, respectively. VU 6008667 has high CNS penetration[1].

[1]. McGowan KM et al, Continued optimization of the M5 NAM ML375: Discovery of VU6008667, an M5 NAM with high CNS penetration and a desired short half-life in rat for addiction studies. Bioorg

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Med Chem Lett. 2017 Mar 15;27(6):1356-1359.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA