

Product Data Sheet

Product Name: ASP 7663

Cat. No.: GC50115

Chemical Properties

Cas. No. 1190217-35-6

SMILES O=C2/C(C1=CC=CC(F)=C1N2CC(C)C)=C/C(O)=O

Formula C₁₄H₁₄FNO₃ M.Wt 263.26

Solubility DMSO: 25 mg/ml, Ethanol: 25 mg/ml 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.

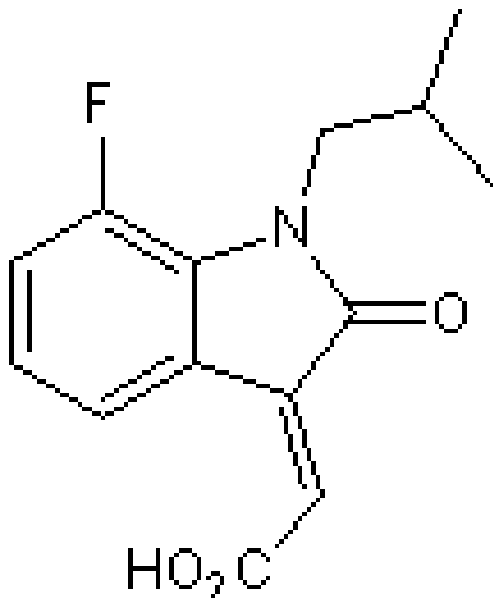
Caution: Product has not been fully validated for medical applications. For research use only.

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

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

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Structure



Background

Selective TRPA1 activator (EC₅₀ values are ~0.5 μ M in human, mouse and rat). Displays little or no affinity at more than 60 other related receptors, channels and enzymes. Stimulates 5-HT release from QGP-1 cells. Exhibits an abdominal analgesic effect in vivo. Orally bioavailable.

Kojima et al (2014) Effects of novel TRPA1 receptor agonist ASP7663 in models of drug-induced constipation and visceral pain. Eur.J.Pharmacol. 723 288 PMID:24291101

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