

Product Data Sheet

Product Name: Olinciguat

Cat. No.: GC36801

Chemical Properties

Cas. No. 1628732-62-6

SMILES FC1=C(C=CC=C1)CN2C(C3=NOC=C3)=CC(C4=NC=C(F)C(NC[C@](C(N)=O)(O)C(F)(F)F)=N4)=N2

Formula $C_{21}H_{16}F_5N_7O_3$ M.Wt 509.39

Solubility DMSO: 125 mg/mL (245.39 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 sizes: ship with RT, or blue ice upon request.

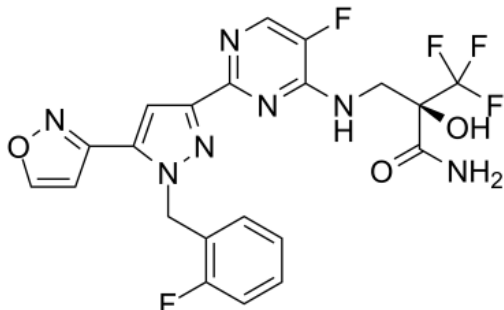
Caution: Product has not been fully validated for medical applications. For research use only.

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

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

Product Data Sheet

Structure



Background

Olinciguat (IW-1701) is an oral guanylate cyclase (sGC) stimulator with concentration-dependent stimulation of sGC in purified rat and human enzyme assays and a whole cell assay[1].

[1]. Buys ES, et al. Discovery and development of next generation sGC stimulators with diverse multidimensional pharmacology and broad therapeutic potential. Nitric Oxide. 2018 Aug 1;78:72-80.

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