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 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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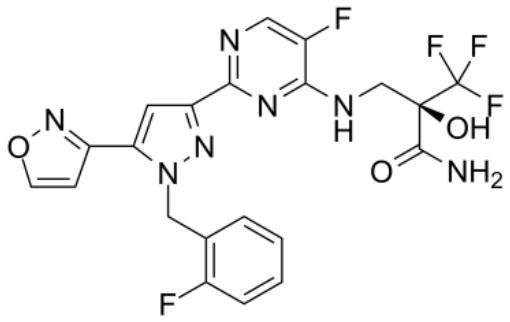
Structure



Background

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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