CLP290

PRODUCT OVERVIEW

Product Name	CLP290, Biochemical
Full Product Name	CLP290
Product Synonym Names	CLP-290
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack
Molecular Weight	404.46
Target	Chloride Channel
Receptor	Chloride Channel
Chemical Name	[5-Fluoro-2-[(Z)-(2-hexahydropyridazin-1-yl-4-oxo-thiazol-5-ylidene)methyl]phenyl] pyrrolidine-1-carboxylate
SMILES	O=C(N1CCCC1)OC2=CC(F)=CC=C2/C=C(SC(N3CCCCN3)=N4)/C4=O
Molecular Formula	C19H21FN4O3S
CAS Number	1181083-81-7
Product Categories/Family for CLP290 biochemical	Membrane Transporter/Ion Channel
Related Product Information for CLP290 biochemical	CLP290 (CLP-290) is an orally acirtve small molecule K+-Cl- cotransporter isotype 2 (KCC2) activator, the carbamate prodrug of CLP257.
Product References and Citations for CLP290 biochemical	1. Chen B, et al. Cell. 2018 Jul 26; 174 (3):521-535.e13. 2. Ferrini F, et al. Sci Rep. 2017 Jun 20; 7 (1):3870.
Other Notes	Small volumes of CLP290 biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CLP290 purchase	MBS3600617 is a biochemical targeting CLP290.

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Online datasheet: https://www.mybiosource.com/biochemical/clp290/3600617