ML418

PRODUCT OVERVIEW

Product Name	ML418, Biochemical
Full Product Name	ML418
Product Gene Name	ML418 biochemical
Product Synonym Names	ML418; ML-418; ML 418
Purity/Purification	>98%
Preparation and Storage	Store at -20 degree C for 3 years (powder form); at -20 degree C for 6 months (Solution base)
Molecular Weight	377.87
Solubility	DMSO
Formula	C19H24ClN3O3
SMILES	O=C (OC (C)C)NC1CCN (CC2=CC (Cl)=C3C=CC=NC3=C2O)CC1
CAS Number	1928763-08-9
Product Categories/Family for ML418 biochemical	Kir7.1 potassium channels blocker
Related Product Information for ML418 biochemical	ML418 is a selective, sub-micromolar pore blocker of Kir7.1 potassium channels. The inward rectifier potassium (Kir) channel Kir7.1 (KCNJ13) is a key regulator of melanocortin signaling in the brain, electrolyte homeostasis in the eye, and uterine muscle contractility during pregnancy.
Other Notes	Small volumes of ML418 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 ML418 purchase	MBS3842890 is a biochemical targeting ML418.

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Online datasheet: https://www.mybiosource.com/biochemical/ml418/3842890