
Product Data Sheet

Product Name: UK 59811 hydrochloride

Cat. No.: GC50371

Chemical Properties

Cas. No. 2250025-89-7

SMILES CCOC(C1=C(NC(C)=C(C(OC)=O)C1C2=CC=CC=C2Br)COCCN(C)C)=O.ClFormula C22H29BrN2O5.HCl M.Wt 517.84

Solubility Soluble in DMSO 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.

Structure **Background**

Blocks CaVAb, a site-directed mutant of bacterial NaVAb with full voltage-dependent Ca²⁺ channel function (IC₅₀ = 194 nM).

Tang et al (2016) Structural basis for inhibition of a voltage-gated Ca²⁺ channel by Ca²⁺ antagonist drugs. Nature 537 117 PMID:27556947

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

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