
Product Data Sheet

Product Name: cRIPGBM
 Cat. No.: GC34543

Chemical Properties

Cas. No. 2361988-76-1

SMILES O=C1C2=C([N+](C)C3=CC=CC=C3)=C(C)N2CC4=CC=CC=C4)C(C5=C1C=CC=C5)=O

Formula $C_{26}H_{21}N_2O_2$ M.Wt 393.46

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

cRIPGBM, a proapoptotic derivative of RIPGBM, a cell type-selective inducer of apoptosis in GBM cancer stem cells (CSCs) by binding to receptor-interacting protein kinase 2 (RIPK2), with an EC50 of 68 nM in GBM-1 cells[1]. RIPK2[1].

[1]. Lucki NC, et al. A cell type-selective apoptosis-inducing small molecule for the treatment of brain cancer. Proc Natl Acad Sci U S A. 2019 Mar 26;116(13):6435-6440.

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

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