

Product Data Sheet

Product Name: IV-255
Cat. No.: GC73598

Chemical Properties

Cas. No.

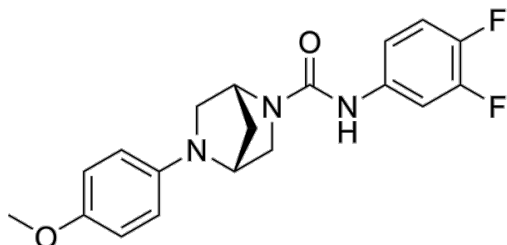
Formula $C_{19}H_{19}F_2N_3O_2$ M.Wt 359.37

Solubility DMSO : 100 mg/mL (278.26 mM; Need ultrasonic) Storage $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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



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

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Background

IV-255 is a selective small molecule inhibitor of the BRG1 bromodomain. IV-255 increases the extent of DNA damage induced by Temozolomide and Bleomycin . IV-255 inhibits the invasiveness of GBM cells. IV-255 enhances Temozolomide-induced cell death and the apoptosis-inducing activity of Temozolomide.

References:

[1]. Yang C, et al. Next-generation bromodomain inhibitors of the SWI/SNF complex enhance DNA damage and cell death in glioblastoma. J Cell Mol Med. 2023 Sep;27(18):2770-2781.

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