

Product Datasheet

BRD-810

Catalog No. **BP-01119** · CAS **2329719-65-3** · Form **free base** · Physical state **solid** · Color **white to off-white** · Version **1.0** · Revision **2026-09-04**

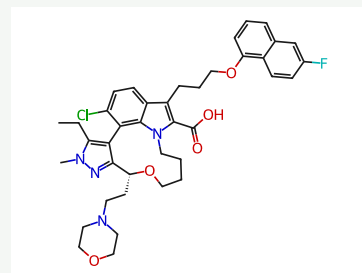
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Target Bcl-2 Family; Caspase; Apoptosis	Research area Cancer
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Molecular formula **C₃₉H₄₄ClFN₄O₅**

Molecular weight **703.2420**

STRUCTURE



DESCRIPTION

BRD-810 is a highly selective MCL1 inhibitor. BRD-810 shows anti-tumor activity in models of blood cancers and solid tumors.

BIOLOGICAL ACTIVITY

BRD-810 is a highly selective MCL1 inhibitor. BRD-810 can bind to the BH3 groove of MCL1 and block the sequestration of pro-apoptotic proteins, quickly inducing caspase activation in MCL1-dependent cell lines. BRD-810 shows anti-tumor activity in models of blood cancers and solid tumors.

SOLUBILITY

soluble in DMSO:

In vitro DMSO : 100 mg/mL

REFERENCES

[1]. Rauh U, et al. BRD-810 is a highly selective MCL1 inhibitor with optimized in vivo clearance and robust efficacy in solid and hematological tumor models. Nat Cancer. 2024 Oct;5(10):1479-1493.