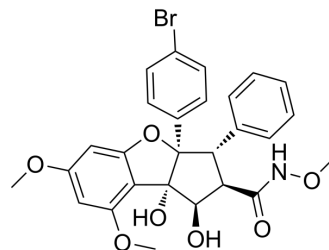


CMLD010509

Cat. No.:	HY-119271
CAS No.:	256497-58-2
Molecular Formula:	C ₂₇ H ₂₆ BrNO ₇
Molecular Weight:	556.4
Target:	Apoptosis; c-Myc
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

CMLD010509 (SDS-1-021) is a highly specific inhibitor of the oncogenic translation program supporting multiple myeloma (MM)-including key oncoproteins such as MYC, MDM2, CCND1, MAF, and MCL-1. CMLD010509 (SDS-1-021) shows an IC₅₀ below 10 nM for most MM cell lines and induces apoptosis. CMLD010509 (SDS-1-021) is a potent and selective translation inhibitor through an eIF4E phosphorylation-independent mechanism^[1].

REFERENCES

[1]. Manier S, et al. Inhibiting the oncogenic translation program is an effective therapeutic strategy in multiple myeloma. *Sci Transl Med.* 2017 May 10;9(389). pii: eaal2668.

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

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