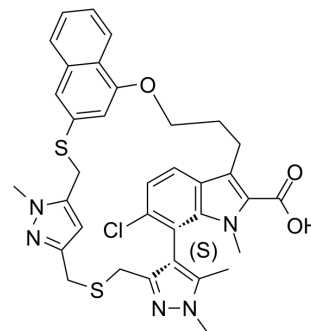


AZD-5991 (S-enantiomer)

Cat. No.:	HY-101533B
CAS No.:	2143061-82-7
Molecular Formula:	C ₃₅ H ₃₄ ClN ₅ O ₃ S ₂
Molecular Weight:	672.26
Target:	Bcl-2 Family
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AZD-5991 S-enantiomer is the less active enantiomer of AZD-5991. AZD-5991 S-enantiomer is a Mcl-1 inhibitor with an IC ₅₀ of 6.3 μM in FRET assay and a K _d of 0.98 μM in surface plasmon resonance (SPR) assay.	
IC₅₀ & Target	Mcl-1 6.3 μM (IC ₅₀)	Mcl-1 0.98 μM (K _d)

REFERENCES

[1]. Tron AE, et al. Discovery of Mcl-1-specific inhibitor AZD5991 and preclinical activity in multiple myeloma and acute myeloid leukemia. Nat Commun. 2018 Dec 17;9(1):5341.

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

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