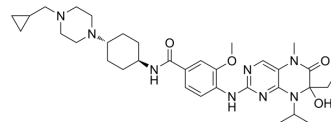


CD 10899

Cat. No.:	HY-160624
CAS No.:	1331770-20-7
Molecular Formula:	C ₃₄ H ₅₀ N ₈ O ₄
Molecular Weight:	634.81
Target:	Polo-like Kinase (PLK)
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

CD 10899 is a hydroxylated metabolite of Volasertib (HY-12137). CD 10899 is pharmacologically active against Polo-like kinase 1 (PLK1) (IC₅₀: 6 nM). Volasertib is an orally active, highly potent and ATP-competitive PLK1 inhibitor. CD 10899 can be used for research of cancer^[1].

REFERENCES

[1]. Lang I, et al. Potential Drug-Drug Interactions with Combination Volasertib + Itraconazole: A Phase I, Fixed-sequence Study in Patients with Solid Tumors. Clin Ther. 2020 Nov;42(11):2214-2224.

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

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