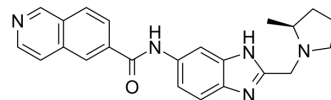


NVS MLLT-1

Cat. No.:	HY-160287
CAS No.:	2561471-13-2
Molecular Formula:	C ₂₃ H ₂₃ N ₅ O
Molecular Weight:	385.46
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NVS MLLT-1 (compound 3) is a potent and selective MLLT1 inhibitor with K _d values of 0.18 μM, 0.24 μM, and 0.22 μM for wild-type, T1 mutants, and T3 mutants, respectively ^{[1][2]} .
IC₅₀ & Target	K _d : 0.18 μM (wild-type); K _d : 0.24 μM (T1 mutants); K _d : 0.22 μM (T3 mutants) ^[1]

REFERENCES

[1]. Ni X, et al. Structure and Inhibitor Binding Characterization of Oncogenic MLLT1 Mutants. ACS Chem Biol. 2021 Apr 16;16(4):571-578.

[2]. Lee J, et al. The Promise and Peril of Chemical Probe Negative Controls. ACS Chem Biol. 2021 Apr 16;16(4):579-585.

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

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