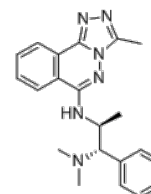


Product Name : L-Moses
Cat. No. : PC-61157
CAS No. : 2079885-05-3
Molecular Formula : C₂₁H₂₄N₆
Molecular Weight : 360.465
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

L-Moses (PCAF BRD inhibitor L-45) is a potent, selective, and cell-active **PCAF (KAT2B)** bromodomain inhibitor with K_i of 47 nM in HTRF assays, >4,500-fold selectivity over BRD4.

L-Moses disrupts PCAF-Brd histone H3.3 interaction in cells using a nanoBRET assay, shows high selectivity for **PCAF** and **GCN5** bromodomain (K_d=600 nM).

L-Moses shows no observable cytotoxicity in PBMCs, good cell-permeability, and metabolic stability in human and mouse liver microsomes.

References

Moustakim M, et al. *Angew Chem Int Ed Engl.* 2017 Jan 16;56(3):827-831.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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