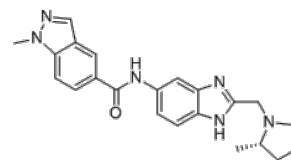


Product Name : SGC-iMLLT
Cat. No. : PC-35710
CAS No. : 2255338-25-9
Molecular Formula : C₂₂H₂₄N₆O
Molecular Weight : 388.475
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

SGC-iMLLT is the first small molecule chemical probe for the **YEATS domain** (YD) of **MLLT1** (ENL/YEATS1) and **MLLT3** (AF9/YEATS3) with K_d of 129 and 77 nM respectively, IC₅₀ of 0.26 μM (MLLT1).

SGC-iMLLT is a potent and selective inhibitor of MLLT1/3-histone interaction.

SGC-iMLLT displays excellent selectivity over other human YD proteins (YEATS2/4) and bromodomains.

References

Moustakim M, et al. *Angew Chem Int Ed Engl*. 2018 Oct 5. doi: 10.1002/anie.201810617.

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

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