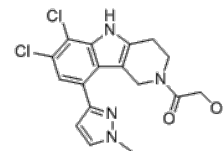


Product Name : G140
Cat. No. : PC-73360
CAS No. : 2369751-07-3
Molecular Formula : C₁₇H₁₆Cl₂N₄O₂
Molecular Weight : 379.24
Target : STING
Solubility : 10 mM in DMSO



Biological Activity

G140 is a potent, specific human **cGAS** small-molecule inhibitor with IC₅₀ of 14.0 nM and 442 nM for h-cGAS and m-cGAS, respectively.

G140 showed dose-dependent inhibitory activity in THP1 cells with IC₅₀ of 1.7 μM, as determined by qRT-PCR for IFNB1 mRNA.

G140 shows no off-target effect against other nucleotidyl transferase enzymes.

G140 inhibits the SEAP NF-κB pathway reporter with IC₅₀ of 1.36 μM.

References

Lodoe Lama, et al. *Nat Commun.* 2019 May 21;10(1):2261.

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

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