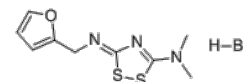


Product Name : NSC622608
Cat. No. : PC-38145
CAS No. : 2593254-90-9
Molecular Formula : C₉H₁₂BrN₃OS₂
Molecular Weight : 322.239
Target : Immune Checkpoints
Solubility : 10 mM in DMSO



Biological Activity

NSC622608 (NSC 622608) is the first small-molecule ligand for immune checkpoint **VISTA** with IC₅₀ of 4.8 μM in FRET assay.

NSC622608 disrupts VISTA-VSIG-3 interaction with IC₅₀ of 9.7 μM in ELISA assays.

SPR screening confirmed binding of NSC622608 to VISTA ECD with an estimated K_D of 6.2 μM.

References

Moustafa T Gabr, et al. *J Am Chem Soc.* 2020 Sep 23;142(38):16194-16198.

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

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