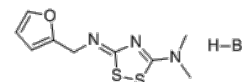


**Product Name** : NSC622608  
**Cat. No.** : PC-38145  
**CAS No.** : 2593254-90-9  
**Molecular Formula** : C<sub>9</sub>H<sub>12</sub>BrN<sub>3</sub>OS<sub>2</sub>  
**Molecular Weight** : 322.239  
**Target** : Immune Checkpoints  
**Solubility** : 10 mM in DMSO



### Biological Activity

NSC622608 (NSC 622608) is the first small-molecule ligand for immune checkpoint **VISTA** with IC<sub>50</sub> of 4.8 μM in FRET assay.

NSC622608 disrupts VISTA-VSIG-3 interaction with IC<sub>50</sub> of 9.7 μM in ELISA assays.

SPR screening confirmed binding of NSC622608 to VISTA ECD with an estimated K<sub>D</sub> 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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