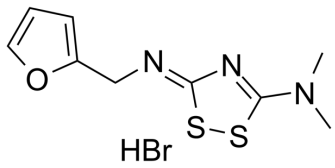
NSC622608

Cat. No.:	HY-147311
CAS No.:	2593254-90-9
Molecular Formula:	$C_9H_{12}BrN_3OS_2$
Molecular Weight:	322.25
Target:	PD-1/PD-L1
Pathway:	Immunology/Inflammation
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 41.67 mg/mL (129.31 mM; ultrasonic and warming and heat to 60°C)

H_2O : 12.5 mg/mL (38.79 mM; Need ultrasonic)

Preparing Stock Solutions

Mass / Solvent / Concentration	1 mg	5 mg	10 mg
1 mM	3.1032 mL	15.5159 mL	31.0318 mL
5 mM	0.6206 mL	3.1032 mL	6.2064 mL
10 mM	0.3103 mL	1.5516 mL	3.1032 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description	NSC622608 is a V-domain Ig suppressor of T-cell activation (VISTA) ligand with an IC_{50} value of 4.8 μM[1].
IC_{50} & Target	IC_{50}: 4.8 μM (VISTA)[1]
In Vitro	NSC622608 disrupts VISTA-VSIG-3 interaction with an IC_{50} value of 9.7 ± 0.3 μM[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Gabr MT, et al. Discovery and Optimization of Small-Molecule Ligands for V-Domain Ig Suppressor of T-Cell Activation (VISTA). J Am Chem Soc. 2020 Sep 23;142(38):16194-16198.

Caution: Product has not been fully validated for medical applications. For research use only.

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