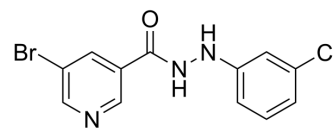


## PDCD4-IN-1

Cat. No.:	HY-153383		
CAS No.:	494763-64-3		
Molecular Formula:	C <sub>12</sub> H <sub>9</sub> BrClN <sub>3</sub> O		
Molecular Weight:	326.58		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 250 mg/mL (765.51 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.0620 mL	15.3102 mL	30.6204 mL
	5 mM	0.6124 mL	3.0620 mL	6.1241 mL
	10 mM	0.3062 mL	1.5310 mL	3.0620 mL

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

### BIOLOGICAL ACTIVITY

#### Description

PDCD4-IN-1(compound 20031600) is a PDCD4 inhibitor with a K<sub>d</sub> value of 350 nM, which can promote the expression of BDNF in hippocampal neuron cell HT-22<sup>[1]</sup>.

### REFERENCES

[1]. Application of ligand small molecule of targeting PDCD4 in preparation of antidepressant drugs. CN115385914.

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

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