# Data Sheet (Cat.No.T29541)



#### AC265347

## **Chemical Properties**

CAS No.: 1253901-26-6

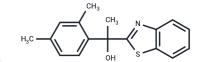
Formula: C17H17NOS

Molecular Weight: 283.39

Appearance: no data available

Storage: store at low temperature

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



# **Biological Description**

Description	AC265347 is a potent calcium-sensitive receptor (CaSR) agonist and ago-PAM orthosteric modulator with antitumour activity that inhibits neuroblastoma tumour growth by inducing differentiation.AC265347 can be used to study neuroblastoma.
Targets(IC50)	CaSR

### **Solubility Information**

Solubility	DMSO: 80 mg/mL (282.30 mM),Sonication is recommended.
	(< 1 mg/ml refers to the product slightly soluble or insoluble)

# **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	3.5287 mL	17.6435 mL	35.2871 mL
5 mM	0.7057 mL	3.5287 mL	7.0574 mL
10 mM	0.3529 mL	1.7644 mL	3.5287 mL
50 mM	0.0706 mL	0.3529 mL	0.7057 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

#### Reference

Dinh LV,et, al. Development of AC265347-Inspired Calcium-Sensing Receptor Ago-Positive Allosteric Modulators. ChemMedChem. 2021 Nov 19;16(22):3451-3462.

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