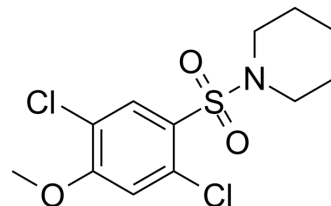


## AA41612

**Cat. No.:** HY-124157  
**CAS No.:** 433690-62-1  
**Molecular Formula:** C<sub>12</sub>H<sub>15</sub>Cl<sub>2</sub>NO<sub>3</sub>S  
**Molecular Weight:** 324.22  
**Target:** Others  
**Pathway:** Others  
**Storage:** 4°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 250 mg/mL (771.08 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.0843 mL	15.4216 mL	30.8433 mL
	5 mM		0.6169 mL	3.0843 mL	6.1687 mL
	10 mM		0.3084 mL	1.5422 mL	3.0843 mL

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

### BIOLOGICAL ACTIVITY

#### Description

AA41612 is a potent antagonist of melanopsin-mediated phototransduction<sup>[1]</sup>.

### REFERENCES

[1]. Jones KA, et al. Small-molecule antagonists of melanopsin-mediated phototransduction. Nat Chem Biol. 2013 Oct;9(10):630-5.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA