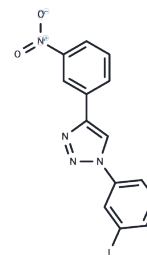


## P62-mediated mitophagy inducer

### Chemical Properties

CAS No. :	1809031-84-2
Formula:	C <sub>14</sub> H <sub>9</sub> IN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	392.15
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year



### Biological Description

Description	P62-mediated mitophagy inducer (PMI) is a regulator of mitophagy.
Targets(IC <sub>50</sub> )	Mitophagy

### Solubility Information

Solubility	DMSO: 11 mg/ml (28.05 mM), when pH is adjusted to 3 with 0.1 M HCl. Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.550 mL	12.7502 mL	25.5004 mL
5 mM	0.510 mL	2.550 mL	5.1001 mL
10 mM	0.255 mL	1.275 mL	2.550 mL
50 mM	0.051 mL	0.255 mL	0.510 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

East DA, et al. PMI: a  $\Delta\Psi_m$  independent pharmacological regulator of mitophagy. Chem Biol. 2014 Nov 20;21(11): 1585-96.

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