

## Product Data Sheet

Product Name: P62-mediated mitophagy inducer

Cat. No.: GC38562

### Chemical Properties

Cas. No. 1809031-84-2

SMILES O=[N+](C1=CC(C2=CN(C3=CC=CC(I)=C3)N=N2)=CC=C1)[O-]

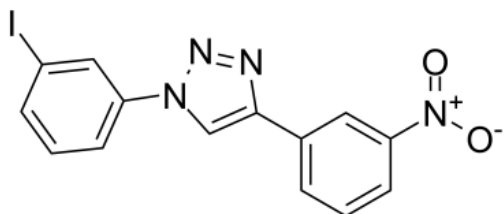
Formula  $C_{14}H_9IN_4O_2$  M.Wt 392.15

Solubility DMSO: 1 mg/mL (2.55 mM);  
ultrasonic and adjust pH to 3 with 0.1  
M HCL) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



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

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### Background

P62-mediated mitophagy inducer is a mitophagy regulator which activates mitophagy without recruiting Parkin or collapsing  $\delta\psi_m$  and retains activity in cells devoid of a fully functional PINK1/Parkin pathway[1].

[1]. 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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