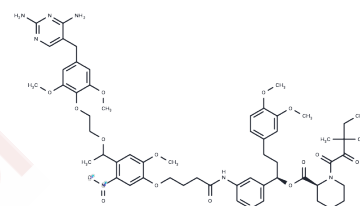


Zapalog

Chemical Properties

CAS No. :	1708091-24-0
Formula:	C58H73N7O15
Molecular Weight:	1108.24
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Zapalog is a photocleavable small-molecule heterodimerizer that can repeatedly initiate and instantaneously terminate a physical interaction between two target proteins.
Targets(IC50)	Others,FKBP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9023 mL	4.5117 mL	9.0233 mL
5 mM	0.1805 mL	0.9023 mL	1.8047 mL
10 mM	0.0902 mL	0.4512 mL	0.9023 mL
50 mM	0.018 mL	0.0902 mL	0.1805 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Gutnick A, et al. The light-sensitive dimerizer zapalog reveals distinct modes of immobilization for axonal mitochondria. Nat Cell Biol. 2019 Jun;21(6):768-777.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481