

ZEP-3

## Chemical Properties

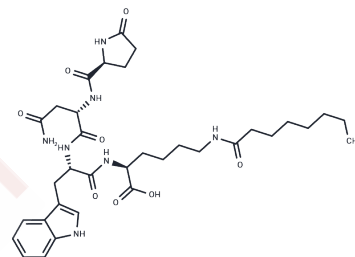
CAS No. : 1026276-22-1

Formula: C<sub>34</sub>H<sub>49</sub>N<sub>7</sub>O<sub>8</sub>

Molecular Weight: 683.79

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	ZEP-3 is a bioactive chemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4624 mL	7.3122 mL	14.6244 mL
5 mM	0.2925 mL	1.4624 mL	2.9249 mL
10 mM	0.1462 mL	0.7312 mL	1.4624 mL
50 mM	0.0292 mL	0.1462 mL	0.2925 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

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Gonzalez-Jorge S, Mehrshahi P, Magallanes-Lundback M, Lipka AE, Angelovici R, Gore MA, DellaPenna D. ZEAXANTHIN EPOXIDASE Activity Potentiates Carotenoid Degradation in Maturing Seed. *Plant Physiol*. 2016 Jul;171(3):1837-51. doi: 10.1104/pp.16.00604. Epub 2016 May 6. PubMed PMID: 27208224; PubMed Central PMCID: PMC4936585.

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