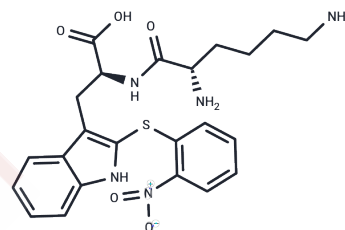


o-Nitrophenylsulfenyl-lysyl-tryptophan

Chemical Properties

CAS No. :	103088-69-3
Formula:	C ₂₃ H ₂₇ N ₅ O ₅ S
Molecular Weight:	485.56
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	o-Nitrophenylsulfenyl-lysyl-tryptophan is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0595 mL	10.2974 mL	20.5948 mL
5 mM	0.4119 mL	2.0595 mL	4.119 mL
10 mM	0.2059 mL	1.0297 mL	2.0595 mL
50 mM	0.0412 mL	0.2059 mL	0.4119 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

- Garcia-López MT, González-Muñiz R, Molinero MT, Del Rio J. Analgesic dipeptide derivatives. 4. Linear and cyclic analogues of the analgesic compounds arginyl-2-[(o-nitrophenyl)sulfenyl]tryptophan and lysyl-2-[(o-nitrophenyl)sulfenyl]tryptophan. *J Med Chem.* 1988 Feb;31(2):295-300. PubMed PMID: 3339602.
- Garcia-López MT, González-Muñiz R, Molinero MT, Naranjo JR, Del Rio J. Analgesic dipeptide derivatives. 3. Synthesis and structure-activity relationships of o-nitrophenyl-modified analogues of the analgesic compound H-Lys-Trp(NPS)-OMe. *J Med Chem.* 1987 Sep;30(9):1658-63. PubMed PMID: 3625710.
- Garcia-Lopez MT, Herranz R, Gonzalez-Muñiz R, Naranjo JR, De Ceballos ML, Del Rio J. Antinociceptive effects in rodents of the dipeptide Lys-Trp (Nps) and related compounds. *Peptides.* 1986 Jan-Feb;7(1):39-43. PubMed PMID: 3012488.

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