

SW120

## Chemical Properties

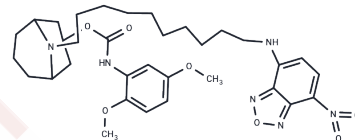
CAS No. : 1421931-14-7

Formula: C33H46N6O7

Molecular Weight: 638.766

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	SW120 is used as a fluorescent sigma-2 selective ligand.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5655 mL	7.8275 mL	15.6551 mL
5 mM	0.3131 mL	1.5655 mL	3.131 mL
10 mM	0.1566 mL	0.7828 mL	1.5655 mL
50 mM	0.0313 mL	0.1566 mL	0.3131 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

- Bean DC, Wigmore SM, Wareham DW. Draft Genome Sequence of *Staphylococcus cohnii* subsp. *urealyticus* Isolated from a Healthy Dog. *Genome Announc.* 2017 Feb 16;5(7). pii: e01628-16. doi: 10.1128/genomeA.01628-16. PubMed PMID: 28209829; PubMed Central PMCID: PMC5313621.
- Zeng C, Garg N, Mach RH. The PGRMC1 Protein Level Correlates with the Binding Activity of a Sigma-2 Fluorescent Probe (SW120) in Rat Brain Cells. *Mol Imaging Biol.* 2016 Apr;18(2):172-9. doi: 10.1007/s11307-015-0891-z. PubMed PMID: 26335282.
- Zeng C, Vangveravong S, Jones LA, Hyrc K, Chang KC, Xu J, Rothfuss JM, Goldberg MP, Hotchkiss RS, Mach RH. Characterization and evaluation of two novel fluorescent sigma-2 receptor ligands as proliferation probes. *Mol Imaging.* 2011 Dec;10(6):420-33. PubMed PMID: 22201533; PubMed Central PMCID: PMC4426860.
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