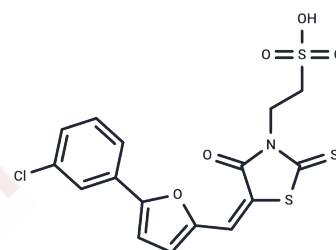


Sortin2

Chemical Properties

CAS No. :	372972-39-9
Formula:	C ₁₆ H ₁₂ ClNO ₅ S ₃
Molecular Weight:	429.92
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	Sortin2 is a sorting inhibitor that acts upstream from the morphological marker of lateral root primordium formation, the mitotic activity.
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.326 mL	11.6301 mL	23.2601 mL
5 mM	0.4652 mL	2.326 mL	4.652 mL
10 mM	0.2326 mL	1.163 mL	2.326 mL
50 mM	0.0465 mL	0.2326 mL	0.4652 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

- Vásquez-Soto B, Manríquez N, Cruz-Amaya M, Zouhar J, Raikhel NV, Norambuena L. Sortin2 enhances endocytic trafficking towards the vacuole in *Saccharomyces cerevisiae*. *Biol Res.* 2015 Jul 25;48:39. doi: 10.1186/s40659-015-0032-9. PubMed PMID: 26209329; PubMed Central PMCID: PMC4515019.
- Pérez-Henríquez P, Raikhel NV, Norambuena L. Endocytic trafficking towards the vacuole plays a key role in the auxin receptor SCF(TIR)-independent mechanism of lateral root formation in *A. thaliana*. *Mol Plant.* 2012 Nov;5(6): 1195-209. doi: 10.1093/mp/sss066. Epub 2012 Jul 30. PubMed PMID: 22848095.
- Norambuena L, Zouhar J, Hicks GR, Raikhel NV. Identification of cellular pathways affected by Sortin2, a synthetic compound that affects protein targeting to the vacuole in *Saccharomyces cerevisiae*. *BMC Chem Biol.* 2008 Jan 7;8: 1. doi: 10.1186/1472-6769-8-1. PubMed PMID: 18179719; PubMed Central PMCID: PMC2265672.

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