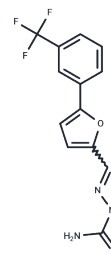


Naxillin

Chemical Properties

CAS No. :	301176-96-5
Formula:	C ₁₃ H ₁₀ F ₃ N ₃ O ₅
Molecular Weight:	313.3
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	Naxillin is a non-growth hormone-like molecule that induces lateral root development by positively affecting the IBA to IAA transition at specific sites in the root.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1918 mL	15.9591 mL	31.9183 mL
5 mM	0.6384 mL	3.1918 mL	6.3837 mL
10 mM	0.3192 mL	1.5959 mL	3.1918 mL
50 mM	0.0638 mL	0.3192 mL	0.6384 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

De Rybel B, et al. A role for the root cap in root branching revealed by the non-auxin probe naxillin. Nat Chem Biol. 2012 Sep;8(9):798-805.

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