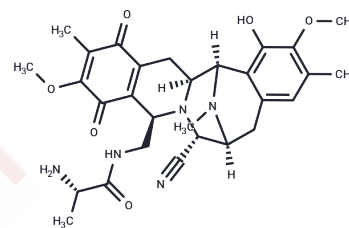


## Cyanosafracin B

## Chemical Properties

CAS No. :	96996-50-8
Formula:	C <sub>29</sub> H <sub>35</sub> N <sub>5</sub> O <sub>6</sub>
Molecular Weight:	549.62
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Cyanosafracin B is a starting material for the synthesis of Phthalascidin Pt-650 and Ecteinasidin ET-743.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 55 mg/mL (100.07 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8194 mL	9.0972 mL	18.1944 mL
5 mM	0.3639 mL	1.8194 mL	3.6389 mL
10 mM	0.1819 mL	0.9097 mL	1.8194 mL
50 mM	0.0364 mL	0.1819 mL	0.3639 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

Cuevas C, et al. Synthesis of ecteinasidin ET-743 and phthalascidin Pt-650 from cyanosafracin B. Org Lett. 2000 Aug 10;2(16):2545-8.

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