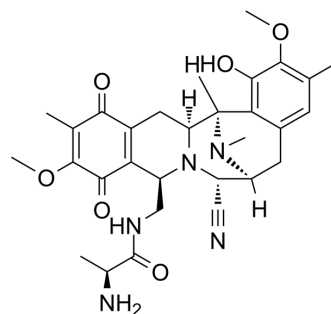


## Cyanosafracin B

<b>Cat. No.:</b>	HY-137787
<b>CAS No.:</b>	96996-50-8
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>35</sub> N <sub>5</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	549.62
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 25 mg/mL (45.49 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Cyanosafracin B is a starting material for synthesis of Ecteinascidin ET-743 and Phthalascidin Pt-650<sup>[1]</sup>.

### REFERENCES

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

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