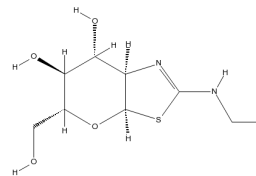


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Thiamet G
<b>Catalog Number:</b>	BCC4864
<b>Cas No.:</b>	1009816-48-1
<b>Formula:</b>	C <sub>9</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub> S
<b>M.Wt:</b>	248.3
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	N/A
<b>Chemical Name:</b>	(3aR,5R,6S,7R,7aR)-2-(ethylamino)-5-(hydroxymethyl)-5,6,7,7a-tetrahydro-3aH-pyrano[3,2-d][1,3]thiazole-6,7-diol
<b>SMILES:</b>	CCNC1=NC2C(C(C(OC2S1)CO)O)O
<b>Solubility:</b>	H <sub>2</sub> O : ≥ 50 mg/mL (201.37 mM) DMSO : ≥ 45 mg/mL (181.23 mM) *"≥" means soluble, but saturation unknown.



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## STORAGE AND SHIPPING

<b>Storage:</b>	Store the product in sealed, cool and dry condition.
<b>General tips:</b>	For obtaining a higher solubility, please warm the tube at 37° and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20° for several months.
<b>Shipping Condition:</b>	Ship with RT , or blue ice upon request

## INTENDED USE

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

## CAUTION!

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most BioCrick products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the*

*product, follow the storage recommendations on the product data sheet.*

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