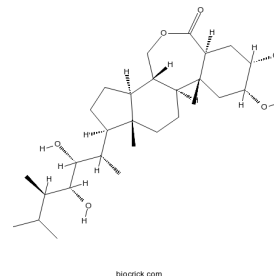


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Epibrassinolide
<b>Catalog Number:</b>	BCC5479
<b>Cas No.:</b>	78821-43-9
<b>Formula:</b>	C <sub>28</sub> H <sub>48</sub> O <sub>6</sub>
<b>M.Wt:</b>	480.68
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	24-Epibrassinolide; B1105; BP55
<b>Chemical Name:</b>	(1S,2R,4R,5S,7S,11S,12S,15R,16S)-15-[(2S,3R,4R,5R)-3,4-dihydroxy-5,6-dimethylheptan-2-yl]-4,5-dihydroxy-2,16-dimethyl-9-oxatetracyclo[9.7.0.0 <sup>2,7</sup> .0 <sup>12,16</sup> ]octadecan-8-one
<b>SMILES:</b>	<chem>CC(C)C(C)C(C(C(C)C1CCC2C1(CCC3C2COC(=O)C4C3(CC(C(C4)O)O)C)C)O)O</chem>
<b>Solubility:</b>	DMSO : ≥ 5 mg/mL (10.40 mM) *"≥" means soluble, but saturation unknown.



## 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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