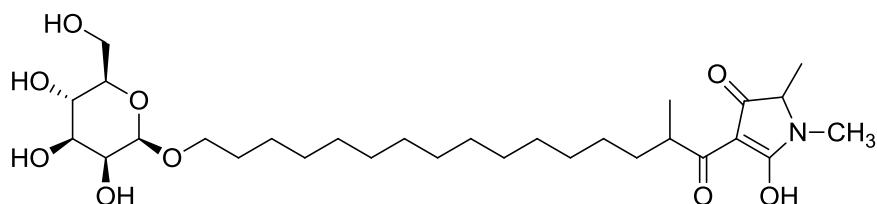


## Epicoccamide

Code No.: **BIA-E1427**

Pack sizes: **1 mg, 5 mg**



Synonyms :

### Specifications

CAS #	: 606139-26-8
Molecular Formula	: C <sub>29</sub> H <sub>51</sub> NO <sub>9</sub>
Molecular Weight	: 557.7
Source	: <i>Epicoccum</i> sp.
Appearance	: Clear to light tan residue
Purity	: >98% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

### Application Notes

Epicoccamide is an ornate linear fatty acid with an acyl tetramic acid terminus and glycosidic alkyl terminus, originally isolated from *Epicoccum purpurascens* in 2003. Although not extensively profiled, epicoccamide is non-cytotoxic, unlike the weak activity shown by related analogues, epicoccamides B, C and D.

### References

1. Epicoccamide, a novel secondary metabolite from a jellyfish-derived culture of *Epicoccum purpurascens*. Wright A.D. et al. *Org. Biomol. Chem.* 2003, 1, 507.
2. Epicoccamides B-D, glycosylated tetramic acid derivatives from an *Epicoccum* sp. associated with the tree fungus *Pholiota squarrosa*. Wangun H.V. *J. Nat. Prod.* 2007, 70, 1800.

Updated: 2 December 2014