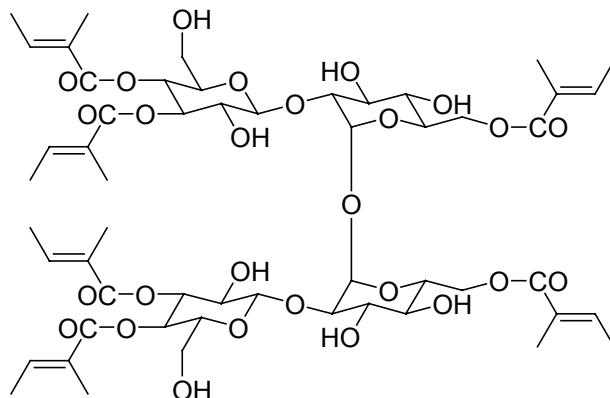


Actinotetraose Hexatiglate

Code: **BIA-A1002**

Pack sizes: **1.0 mg, 5.0 mg**



Synonyms :

Specifications

CAS #	: 216590-44-2
Molecular Formula	: C₅₄H₇₈O₂₇
Molecular Weight	: 1159.2
Source	: <i>Amycolatopsis</i> sp. MST-AS5902
Appearance	: White Powder
Purity	: > 95% by HPLC
Long Term Storage	: +4°C
Solubility	: Soluble in methanol, DMF or DMSO.

Application Notes

Actinotetraose is a unique tetrasaccharide with six tiglate esters isolated from an unidentified *Amycolatopsis* culture. The sugar possesses a two-fold axis of symmetry and is a co-metabolite of quinaldopeptin, a potent antitumor agent. The biological role of the metabolite is unknown and in-house testing has demonstrated a lack of antibacterial, antifungal and antitumor activities.

References

1. Structure of actinotetraose hexatiglate, a unique glucotetraose from an actinomycete bacterium. Rickards R.W. et al. *J. Antibiot.* **1998**, 51, 1093.