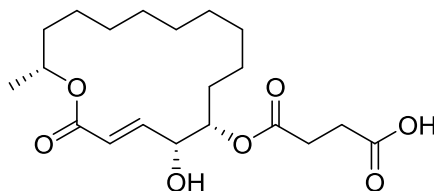


Berkeleylactone E

Code No.: **BIA-B1901**

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



Synonyms :

Specifications

CAS #	:	122211-62-5
Molecular Formula	:	C₂₀H₃₂O₇
Molecular Weight	:	384.5
Source	:	<i>Penicillium</i> sp.
Appearance	:	White solid
Purity	:	>95% by HPLC
Long Term Storage	:	-20°C
Solubility	:	Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Berkleylactone E is a major analogue of a family of recently described macrolide antibiotics, isolated from a mixed fermentation of two *Penicillium* species. Berkleylactone E is active against Gram-positive bacteria, *Candida albicans* and *Candida glabrata*, with an undescribed but purportedly novel mode of action. Berkeleylactone E is an analogue of A 26771B.

References

1. The berkeleylactones, antibiotic macrolides from fungal coculture. Stierle A.A. et al., J. Nat. Prod. 2017, 80, 1150.