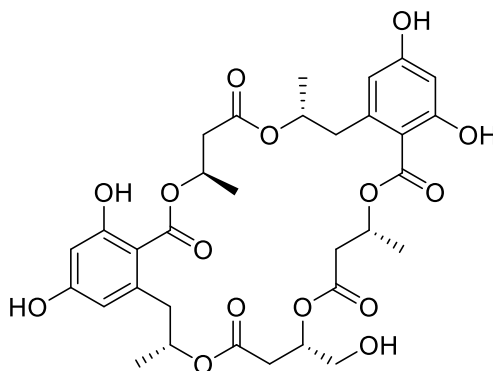


LL 15G256 $\alpha$

Code No.: **BIA-L2381**

Pack sizes: **0.25 mg, 1 mg**



Synonyms : BK 223A, LL 15156 $\alpha$ , LL 15G256 $\alpha$ , NG 012

## Specifications

CAS #	: 141731-76-2
Molecular Formula	: C <sub>32</sub> H <sub>38</sub> O <sub>15</sub>
Molecular Weight	: 662.64
Source	: <i>Aspergillus</i> sp.
Appearance	: White powder
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

## Application Notes

LL 15G256 $\alpha$  is a macrocyclic polyester isolated from *Hypoxylon oceanicum* LL-15G256 using a bioassay guided approach. LL 15G256 $\alpha$  is active in the os-1 assay, inhibiting biosynthesis of the fungal cell wall. LL 15G256 $\alpha$  was patented by American Cyanamid in 1998 but did not reach the market.

## References

1. Cell wall-active antifungal compounds produced by the marine fungus *Hypoxylon oceanicum* LL-15G256. I. Taxonomy and fermentation. Abbanat D. et al. J Antibiot. 1998, 51, 296.
2. Isolation and identification of antifungal polyesters from the marine fungus *Hypoxylon oceanicum* LL-15G256. Schlingmann G. et al. Tetrahed. 2002, 58, 6825.
3. A modified screen for the detection of cell wall acting antifungal compounds. Kirsch D. & Lai M. J Antibiot. 1986, 39, 1620.
4. Fungicidal agents in LL-15G256 $\gamma$  and  $\alpha$  produced by LL-15G256 (*Hypoxylon oceanicum*). Schlingman G. et al. 1995 US-5747304-A.