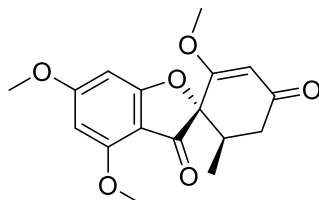


## 7-Dechlorogriseofulvin

Code No.: **BIA-D2555**

Pack sizes: **0.1 mg, 0.5 mg**



Synonyms : 7-Dechloro Griseofulvin, Dechlorogriseofulvin

### Specifications

CAS #	: 3680-32-8
Molecular Formula	: C <sub>17</sub> H <sub>18</sub> O <sub>6</sub>
Molecular Weight	: 318.32
Source	: <i>Penicillium sp.</i>
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

### Application Notes

7-Dechlorogriseofulvin is co-produced with griseofulvin by *Penicillium sp.* 7-Dechlorogriseofulvin has antifungal activity, albeit less potent than griseofulvin. 7-Dechlorogriseofulvin inhibits HCT116, MCF-7 and K562 cell lines, inducing apoptosis.

### References

1. Identification of the viridicatumtoxin and griseofulvin gene clusters from *Penicillium aethiopicum*. Chooi Y-H. et al. Chem Biol. 2010, 17, 483.
2. Bioactive secondary metabolites from *Nigrospora sp.* LLGLM003, an endophytic fungus of the medicinal plant *Moringa oleifera* Lam. Zhao J.H. et al. World J Microbiol Biotechnol. 2012, 28, 2107.
3. Induction of apoptosis against cancer cell lines by four ascomycetes (endophytes) from Malaysian rainforest. Hazalin N.A. et al. Phytomed. 2012, 19, 609.