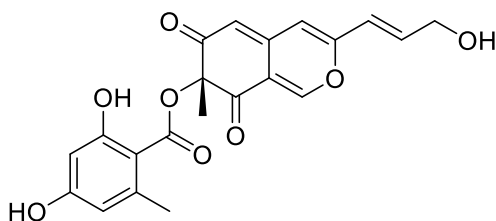


## 3-Hydroxymitorubrin

Code No.: **BIA-H2968**

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



Synonyms : (-)-Mitorubrinol, Mitorubrinol

### Specifications

CAS #	: 3215-47-2?
Molecular Formula	: C <sub>21</sub> H <sub>18</sub> O <sub>8</sub>
Molecular Weight	: 398.4
Source	: <i>Talaromyces</i> sp.
Appearance	: Yellow solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

### Application Notes

3-Hydroxymitorubrin is the 3-hydroxy derivative of mitorubrin, an azaphilone isolated from the phytotoxic fungus, *Penicillium rubrum*. The biological activity of 3-hydroxymitorubrin has not been studied, however mitorubrin is a weak antifungal and inhibitor of geranylgeranyl transferase.

### References

1. The structures of mitorubrin and mitorubrinol. Buechi G et al. J Am Chem Soc. 1965, 87, 3484.
2. New fungal metabolite geranylgeranyl transferase inhibitors with antifungal activity. Singh S.B. et al. Nat Prod Res. 2005, 19, 739.