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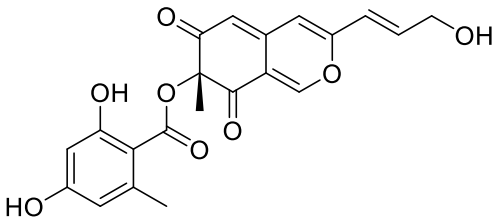
PRODUCT DATA SHEET

3-Hydroxymitorubrin

Code No.: **BIA-H2968**

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



Synonyms : (-)-Mitorubrinol, Mitorubrinol

Specifications

CAS #	:	**3215-47-2**
Molecular Formula	:	**$C_{21}H_{18}O_8$**
Molecular Weight	:	**398.4**
Source	:	***Talaromyces* sp.**
Appearance	:	**Yellow solid**
Purity	:	**>95% by HPLC**
Long Term Storage	:	**-20°C**
Solubility	:	**Soluble in methanol, 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.

For in vitro laboratory use only. Not for human or animal use.

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