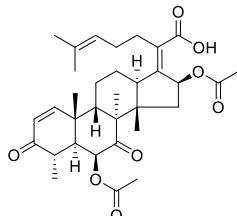


Helvolic acid

Code No.: **BIA-H1930**

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



Synonyms : Fumigacin, NSC 319943

Specifications

CAS #	: 29400-42-8
Molecular Formula	: C₃₃H₄₄O₈
Molecular Weight	: 568.7
Source	: <i>Cephalosporium caerulens</i>
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

Helvolic acid is a triterpenoid antibacterial mycotoxin produced by *Aspergillus* and other fungal species, structurally related to cephalosporin P1 and fusidic acid. Helvolic acid is active against Gram positive and Gram negative organisms, including *Clostrium pseudomonas*, *Mycobacterium shigella*, *Salmonella typhimurium* and *Corynebacterium*. Helvolic acid is a strong synergist of penicillin against multidrug resistant *S. aureus*. Helvolic acid has antitumor, antitrypanosomal, antimycobacterial and potent antiviral activity against *H. pylori*.

References

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