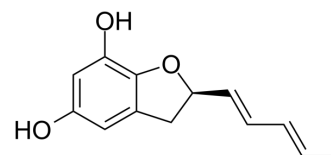


Asperfuran

Cat. No.:	HY-N8512
CAS No.:	129277-10-7
Molecular Formula:	C ₁₃ H ₁₄ O ₃
Molecular Weight:	218.25
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Asperfuran is an antifungal dihydrobenzofuran derivative produced by a strain of *Aspergillus oryzae*. Asperfuran weakly inhibits chitin synthase from *Coprinus cinereus*. Asperfuran shows weak cytotoxicity in HeLa S3 and L1210 cells with an IC₅₀ of 25 µg/ml^[1].

REFERENCES

[1]. Pfefferle W, et al. Asperfuran, a novel antifungal metabolite from *Aspergillus oryzae*. J Antibiot (Tokyo). 1990;43(6):648-654.

Caution: Product has not been fully validated for medical applications. For research use only.

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