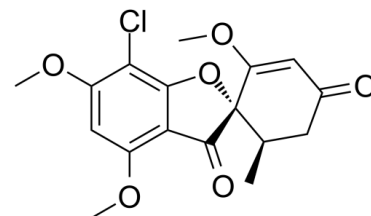


Data Sheet

Product Name:	Griseofulvin
Cat. No.:	CS-3426
CAS No.:	126-07-8
Molecular Formula:	C ₁₇ H ₁₇ ClO ₆
Molecular Weight:	352.77
Target:	Apoptosis; Fungal
Pathway:	Anti-infection; Apoptosis
Solubility:	DMSO : 33.33 mg/mL (94.48 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Griseofulvin(Gris-PEG; Grifulvin) is a spirocyclic fungal natural product used in treatment of fungal dermatophytes; Antifungal drug.

References:

- [1]. Brilhante RSN, et al. In vitro activity of azole derivatives and griseofulvin against planktonic and biofilm growth of clinical isolates of dermatophytes. *Mycoses*. 2018 Jul;61(7):449-454.
- [2]. Schmeel LC, et al. Griseofulvin Efficiently Induces Apoptosis in In Vitro Treatment of Lymphoma and Multiple Myeloma. *Anticancer Res*. 2017 May;37(5):2289-2295.

CAIndexNames:

Spiro[benzofuran-2(3H),1'-[2]cyclohexene]-3,4'-dione, 7-chloro-2',4,6-trimethoxy-6'-methyl-, (1'S,6'R)-

SMILES:

O=C1C@]2(C(OC)=CC(C[C@H]2C)=O)OC3=C(Cl)C(OC)=CC(OC)=C13

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

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