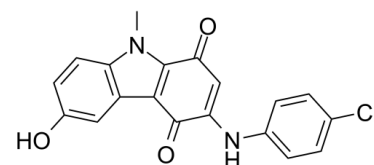


Data Sheet

Product Name:	Antifungal agent 1
Cat. No.:	CS-7639
CAS No.:	1265166-14-0
Molecular Formula:	C ₁₉ H ₁₃ ClN ₂ O ₃
Molecular Weight:	352.77
Target:	Fungal
Pathway:	Anti-infection
Solubility:	DMSO : ≥ 100 mg/mL (283.47 mM)



BIOLOGICAL ACTIVITY:

Antifungal agent 1 is a potent **antifungal** agent. **In Vitro:** Antifungal agent 1 shows potent inhibitory effect on *C. albicans*, *C. tropicalis*, *C. krusei*, *C. neoformans*, with MIC values of 6.3, 25.0, 12.5, 25.0 µg/mL, respectively^[1].

References:

[1]. Ryu CK, et al. Synthesis and antifungal evaluation of 6-hydroxy-1H-carbazole-1,4(9H)-diones. *Bioorg Med Chem Lett*. 2011 Jan 1;21(1):427-30.

CAIndexNames:

1H-Carbazole-1,4(9H)-dione, 3-[(4-chlorophenyl)amino]-6-hydroxy-9-methyl-

SMILES:

O=C(C=C1NC2=CC=C(C(Cl)C=C2)C(N(C)C3=C4C=C(O)C=C3)=C4C1=O

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

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