

Product Data Sheet

Product Name: Antifungal agent 48

Cat. No.: GC71238

Chemical Properties

Cas. No. 2142003-75-4

Formula $C_{13}H_{10}O_4S$ M.Wt 262.28

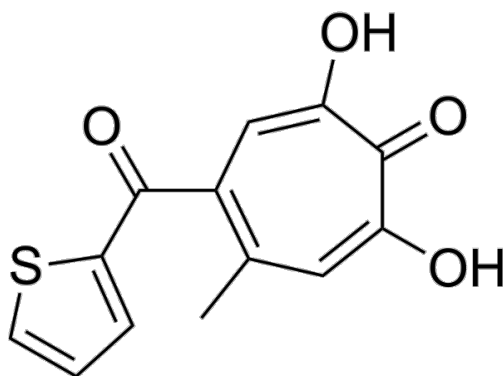
Solubility DMSO : 100 mg/mL (381.27 mM);
Need ultrasonic; Hygroscopic DMSO
has a significant impact on the
solubility of product, please use
newly opened DMSO)

Storage 4°C, sealed storage, away from
moisture and light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the
ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or
blue ice upon request.

Structure



Background

Antifungal agent 48 (Example 308) is an antifungal agent. Antifungal agent 48 is active against *Cryptococcus neoformans* with a MIC value of 11 μ M.

Antifungal agent 48 (Example 308) (48 h) shows cytotoxicity with a CC₅₀ of 24 μ M in HepDES 19

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

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cells^[1].

References:

[1]. Maureen J. DONLIN, et al. Patent. Anti-fungal compounds. WO2017184752. 2017-10-26.

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