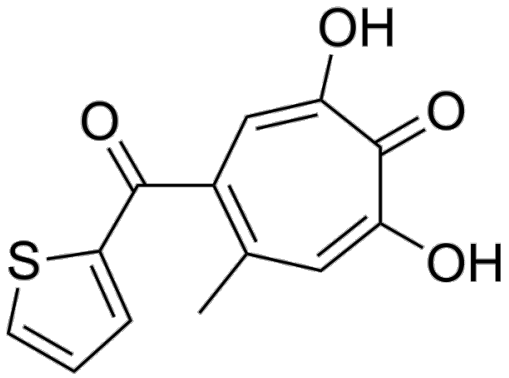
# Product Data Sheet

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 μM.

Antifungal agent 48 (Example 308) (48 h) shows cytotoxicity with a $CC_{50}$ of 24 μM in HepDES 19

cells[1].

References:

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