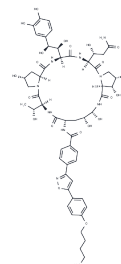


## Micafungin metabolite M1

## Chemical Properties

CAS No. :	539823-80-8
Formula:	C <sub>56</sub> H <sub>71</sub> N <sub>9</sub> O <sub>20</sub>
Molecular Weight:	1190.21
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Micafungin metabolite M1 is one of the major metabolites of the antifungal drug micafungin, generated via arylsulfatase-mediated metabolism. Micafungin metabolite M1 retains limited antifungal activity and exhibits in vitro inhibitory effects against fungi such as Candida and Aspergillus. It is commonly used in studies of micafungin metabolism and antifungal mechanisms.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8402 mL	4.2009 mL	8.4019 mL
5 mM	0.168 mL	0.8402 mL	1.6804 mL
10 mM	0.084 mL	0.4201 mL	0.8402 mL
50 mM	0.0168 mL	0.084 mL	0.168 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Tabata K, et al. Linear pharmacokinetics of micafungin and its active metabolites in Japanese pediatric patients with fungal infections[J]. Biological and Pharmaceutical Bulletin, 2006, 29(8): 1706-1711.

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