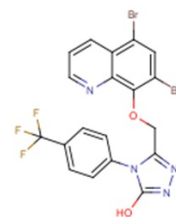


## Antifungal agent 2

## Chemical Properties

CAS No.:	2211060-61-4
Formula:	C <sub>19</sub> H <sub>11</sub> Br <sub>2</sub> F <sub>3</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	544.12
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Antifungal agent 2 is a broad-spectrum fungal inhibitor that inhibits the growth of pertinent species of <i>Cryptococcus</i> , <i>Candida</i> , and <i>Aspergillus</i> at a concentration as low as 0.5 µg/mL.
Targets(IC <sub>50</sub> )	Fungal: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.838 mL	9.189 mL	18.378 mL
5 mM	0.368 mL	1.838 mL	3.676 mL
10 mM	0.184 mL	0.919 mL	1.838 mL
50 mM	0.037 mL	0.184 mL	0.368 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Mohammad H, et al. Discovery of a Novel Dibromoquinoline Compound Exhibiting Potent Antifungal and Antivirulence Activity That Targets Metal Ion Homeostasis. *ACS Infect Dis*. 2018 Mar 9;4(3):403-414.

Inhibitors · Natural Compounds · Compound Libraries

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