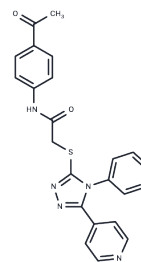


Antitrypanosomal agent 8

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 332376-42-8 |
| Formula: | C ₂₃ H ₁₉ N ₅ O ₂ S |
| Molecular Weight: | 429.49 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|----------------------------|--|
| Description | The antitrypanosomal agent 8 (compound 3b) demonstrated a potent effect against Trypanosoma brucei with an IC ₅₀ of 0.79 μM, while the IC ₅₀ value was 80.95 μM. |
| Targets(IC ₅₀) | Others,Parasite |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.3283 mL | 11.6417 mL | 23.2834 mL |
| 5 mM | 0.4657 mL | 2.3283 mL | 4.6567 mL |
| 10 mM | 0.2328 mL | 1.1642 mL | 2.3283 mL |
| 50 mM | 0.0466 mL | 0.2328 mL | 0.4657 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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