Product Data Sheet

Product Name: WAY-325462
Cat. No.: GD23641

Chemical Properties

Cas. No.	438474-67-0		
Formula		M.Wt	
Solubility		Storage	-20°C
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

Antitrypanosomal agent 9 (compound 1) is a potent antitrypanosomal agent. Antitrypanosomal agent 9 shows inhibitory activity against T. b. brucei, with an IC50 of 1.15 渭M. Antitrypanosomal agent 9 can be used for human African trypanosomiasis (HAT) research.

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Antitrypanosomal agent 9 (compound 1) shows inhibitory activity against *T. b. rhodesiense*, *T. cruzi*, *L. donovani*, and *P. falciparum*, with **IC_{50}** values of 0.985 卤 0.076, 107 卤 34.5, 35.7 卤 6.22, and 22.3 卤 1.06 渭M, respectively[1].

Antitrypanosomal agent 9 shows cytotoxicity in L6 cells, with an **IC_{50}** of 186 卤 94.2 渭M[1].

[1]. Manos-Turvey Alexandra, et al. Synthesis and evaluation of phenoxymethylbenzamide analogues as anti-trypanosomal agents. Med Chem Commun. 2015, 6(3), 403鈥?06.

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