

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 μM. Antitrypanosomal agent 9 can be used for human African trypanosomiasis (HAT) research.

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

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Antitrypanosomal agent 9 (compound 1) shows inhibitory activity against *T. b. rhodesiense*, *T. cruzi*, *L. donovani*, and *P. falciparum*, with **IC₅₀** values of 0.985 μ M, 0.076, 107 μ M, 34.5, 35.7 μ M, 6.22, and 22.3 μ M, respectively^[1].

Antitrypanosomal agent 9 shows cytotoxicity in L6 cells, with an **IC₅₀** of 186 μ M $\pm$ 94.2 μ M^[1].

[1]. Manos-Turvey Alexandra, et al. Synthesis and evaluation of phenoxymethylbenzamide analogues as anti-trypanosomal agents. Med Chem Commun. 2015, 6(3), 403-406.

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