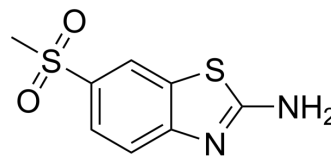


TbPTR1 inhibitor 2

| | |
|--------------------|--|
| Cat. No.: | HY-W009689 |
| CAS No.: | 17557-67-4 |
| Molecular Formula: | C ₈ H ₈ N ₂ O ₂ S ₂ |
| Molecular Weight: | 228.29 |
| Target: | Parasite |
| Pathway: | Anti-infection |
| Storage: | 4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



BIOLOGICAL ACTIVITY

Description

TbPTR1 inhibitor 2 (Compound 3a) is a PTR1 enzyme inhibitor, with IC₅₀s of 34.2 and 32.9 μM for TbPTR1 and LmPTR1. TbPTR1 inhibitor 2 has anti-parasitic activity against *T. brucei* (IC₅₀: 34.2 μM)^[1].

REFERENCES

[1]. Linciano P, et al. Enhancement of Benzothiazoles as Pteridine Reductase-1 Inhibitors for the Treatment of Trypanosomatidic Infections. *J Med Chem.* 2019 Apr 25;62(8):3989-4012.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA