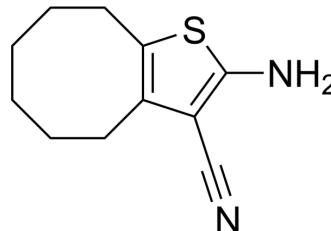


## 8CN

Cat. No.:	HY-W159102
CAS No.:	40106-14-7
Molecular Formula:	C <sub>11</sub> H <sub>14</sub> N <sub>2</sub> S
Molecular Weight:	206.31
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	8CN, a 2-amino-thiophene derivative, has anti-leishmanial activity. 8CN can be used in research of Leishmaniasis <sup>[1]</sup> .
IC <sub>50</sub> & Target	Leishmania
In Vitro	8CN (72 h) has anti-leishmanial activity against the two evolutionary forms of Leishmania amazonensis (amastigotes and promastigotes) with IC <sub>50</sub> values of 9.8 and 1.2 μM, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Luna IS, et, al. Computer-Aided drug design of new 2-amino-thiophene derivatives as anti-leishmanial agents. Eur J Med Chem. 2023 Mar 15;250:115223.

**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