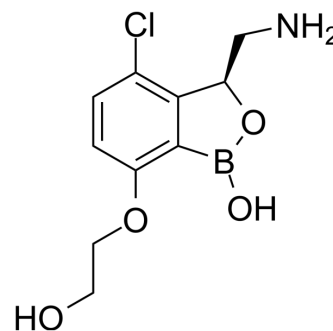


Ganfeborole

Cat. No.:	HY-134648
CAS No.:	2131798-12-2
Molecular Formula:	C ₁₀ H ₁₃ BClNO ₄
Molecular Weight:	257.48
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ganfeborole (GSK656 free base) is a potent, selective and orally active inhibitor of *M. tuberculosis* leucyl-tRNA synthetase, with an IC₅₀ of 0.20 μM. Ganfeborole can be used for the research of tuberculosis^[1].

CUSTOMER VALIDATION

- Antimicrob Agents Chemother. 2022 Aug 15;e0060122.
- ACS Chem Biol. 2021 Dec 15.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Li X, et, al. Discovery of a Potent and Specific *M. tuberculosis* Leucyl-tRNA Synthetase Inhibitor: (S)-3-(Aminomethyl)-4-chloro-7-(2-hydroxyethoxy)benzo[c][1,2]oxaborol-1(3H)-ol (GSK656). *J Med Chem.* 2017 Oct 12;60(19):8011-8026.

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

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