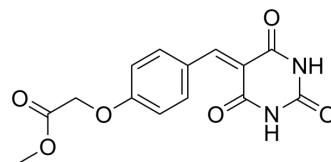


MtUng-IN-1

Cat. No.:	HY-149349
CAS No.:	359826-99-6
Molecular Formula:	C ₁₄ H ₁₂ N ₂ O ₆
Molecular Weight:	304.25
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MtUng-IN-1 (Compound 18a) is a Uracil DNA glycosylase of Mycobacterium (MtUng) inhibitor (IC₅₀: 300 μM). MtUng-IN-1 can be used for research of cancers and infectious diseases^[1].

REFERENCES

[1]. Kesharwani S, et al. Crystal structures of non-uracil ring fragments in complex with Mycobacterium tuberculosis uracil DNA glycosylase (MtUng) as a starting point for novel inhibitor design: A case study with the barbituric acid fragment. *Eur J Med Chem.* 2023 Oct 5;258:115604.

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