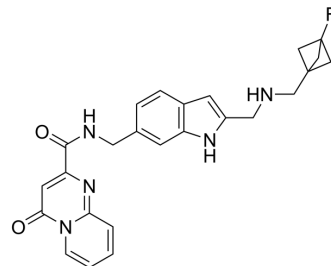


## METTL3-IN-1

Cat. No.:	HY-148467
CAS No.:	2648257-77-4
Molecular Formula:	C <sub>25</sub> H <sub>24</sub> FN <sub>5</sub> O <sub>2</sub>
Molecular Weight:	445.49
Target:	METTL3
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	METTL3-IN-1 (compound 23) is a polyheterocyclic compound, acts as METTL3 inhibitor <sup>[1]</sup> .
IC <sub>50</sub> & Target	METTL3 <sup>[1]</sup>
In Vitro	METTL3, refers to N6-adenosine-methyltransferase 70 kDa subunit, is the 70 kDa subunit of MT-A. MT-A is a part of N6-adenosine-methyltransferase. METTL3 is involved in the post-transcriptional methylation of internal adenosine residues in eukaryotic mRNAs, forming N6-methyladenosine (m6A) <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Blackaby WP, et al. Preparation of polyheterocyclic compounds as METTL3 inhibitors: World Intellectual Property Organization, WO2021111124[P]. 2021-06-10.
- [2]. METTL3, Wikipedia.

**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