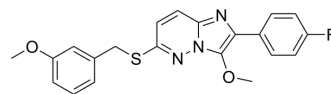


## Tuberculosis inhibitor 7

Cat. No.:	HY-155649
CAS No.:	121041-20-1
Molecular Formula:	C <sub>21</sub> H <sub>18</sub> FN <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	395.45
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tuberculosis inhibitor 7 (compound 2d) is a 3-methoxy-2-phenylimidazo[1,2-b]pyridazine derivative that shows highly active against *Mycobacterium tuberculosis* (MIC<sub>90</sub> of 0.63 μM) and *Mycobacterium marinum* (MIC<sub>90</sub> of 0.63 μM)<sup>[1]</sup>.

### REFERENCES

[1]. Kyle D Farrell, et al. 3-Methoxy-2-phenylimidazo[1,2-b]pyridazines highly active against *Mycobacterium tuberculosis* and *Mycobacterium marinum*. *Eur J Med Chem.* 2023 Nov 5;259:115637.

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

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