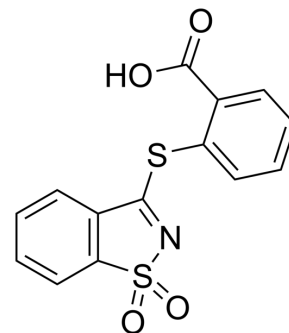


NCGC00188636

Cat. No.:	HY-138825
CAS No.:	1039980-33-0
Molecular Formula:	C ₁₄ H ₉ NO ₄ S ₂
Molecular Weight:	319.36
Target:	Pyk2
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NCGC00188636 is a novel covalent pyruvate kinase (PYK) inhibitor. NCGC00188636 blocks nucleotide binding to the active site of pyruvate kinase. NCGC00188636 can be used for the research of the metabolism of many organisms and cell types.
In Vitro	NCGC00188636 (DBS) (50 μM) has inhibition activity for LmPYK in time-dependent manner ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hugh P Morgan, et al. A new family of covalent inhibitors block nucleotide binding to the active site of pyruvate kinase. *Biochem J.* 2012 Nov 15;448(1):67-72.

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

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