

Furimazine Biochemical

Furimazine

CATALOG #
AAA201961

PRODUCT SYNONYMS

Furimazine; PBI 3939; Furimazine biochemical

PRODUCT SPECIFICATIONS

Receptor	Others
Solubility	DMSO: 100 mg/mL (262.17mM)
SMILES	<chem>O=C1C(CC2=CC=CO2)=NC3=C(NC(C4=CC=CC=C4)=CN31)CC5=CC=CC=C5</chem>
Molecular Formula	C24H19N3O2
CAS Number	1374040-24-0
Pathway	Others
Target	Other Targets
Analytical data HPLC	98% purity NMR: Consistent with structure.
Preparation and Storage	Store at -20 degree C

ADDITIONAL INFORMATION

Related Product Information for Furimazine biochemical	Furimazine is an imidazopyrazinone substrate. NanoLuc (Nluc) paired with Furimazine produced 2.5 million-fold brighter luminescence in mammalian cells relative to Oluc-19 with Coelenterazine.
Product Categories/Family for Furimazine biochemical	Other Targets ; Others
References	1.Hall MP, et al. Engineered luciferase reporter from a deep sea shrimp utilizing a novel imidazopyrazinone substrate. ACS Chem Biol. 2012 Nov 16;7(11):1848-57.

NCBI AND UNIPROT INFORMATION

Molecular Weight	381.4
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/furimazine/201961>