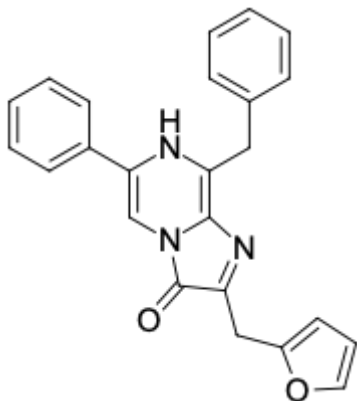


Furimazine

<http://www.lumiprobe.com/p/furimazine>

Furimazine is a highly specific synthetic substrate for NanoLuc (Nluc), a genetically engineered, ATP-independent luciferase. When paired with NanoLuc, Furimazine produces high-intensity, glow-type luminescence.



Structure of Furimazine

General properties

Appearance: yellow brownish solid

Molecular weight: 381.44

CAS number: 1374040-24-0

Molecular formula: $C_{24}H_{19}N_3O_2$

IUPAC name: 8-Benzyl-2-[(furan-2-yl)methyl]-6-phenylimidazo[1,2-a]pyrazin-3(7H)-one

Solubility: DMSO

Quality control: NMR 1H and HPLC-MS (95+%)

Storage conditions: 24 months after receipt at $-20^{\circ}C$ in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.