



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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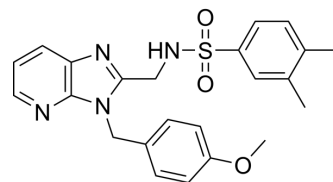
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## Firefly luciferase-IN-5

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-160873                                                                                 |
| CAS No.:           | 959557-37-0                                                                               |
| Molecular Formula: | C <sub>23</sub> H <sub>24</sub> N <sub>4</sub> O <sub>3</sub> S                           |
| Molecular Weight:  | 436.53                                                                                    |
| Target:            | Fluorescent Dye                                                                           |
| Pathway:           | Others                                                                                    |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|                           |                                                                                                                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description               | Firefly luciferase-IN-5 (CID: 16031203) is an inhibitor of ATP-dependent luciferase (Firefly luciferase). It has nM-level inhibitory activity against GRLuc, RLuc8, and RLuc respectively (pIC <sub>50</sub> =8.5,7.5,5.5) <sup>[1]</sup> . |
| IC <sub>50</sub> & Target | Firefly luciferase <sup>[1]</sup>                                                                                                                                                                                                           |

### REFERENCES

[1]. Ho PI, et al. Reporter enzyme inhibitor study to aid assembly of orthogonal reporter gene assays. ACS Chem Biol. 2013 May 17;8(5):1009-17.

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

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