



# 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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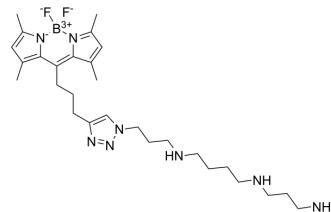
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## Fluorescent polyamine probe-1

Cat. No.:	HY-D1478
CAS No.:	2678634-03-0
Molecular Formula:	C <sub>28</sub> H <sub>45</sub> BF <sub>2</sub> N <sub>8</sub>
Molecular Weight:	542.52
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Fluorescent polyamine probe-1 (compound 15) is a linear polyamine probe with high uptake efficiency. Fluorescent polyamine probe-1 can be used for the research of transport system into cancer cells <sup>[1]</sup> .
<b>In Vitro</b>	Fluorescent polyamine probe-1 is accumulated rapidly in cancer cells (MCF-7), but not in non-tumorigenic cells (MCF-10A) <sup>[1]</sup> . Fluorescent polyamine probe-1 (4 h) shows ten-fold higher uptake efficiency compared with branched probes in MCF-7 cells and the intracellular accumulation can be observed as early as 1 h after probe addition <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Vanhoutte R, et al. Clickable Polyamine Derivatives as Chemical Probes for the Polyamine Transport System. *Chembiochem*. 2018 May 4;19(9):907-911.

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

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