



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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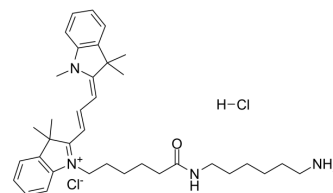
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## Cyanine3 amine hydrochloride

Cat. No.:	HY-D1372
CAS No.:	2247688-56-6
Molecular Formula:	C <sub>36</sub> H <sub>52</sub> Cl <sub>2</sub> N <sub>4</sub> O
Molecular Weight:	627.73
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Cyanine3 amine hydrochloride, an analog of Cyanine3 amine, is a potent green fluorescent dye. Cyanine3 amine hydrochloride has the primary amine group and is covalently coupled with reactive groups such as NHS esters, carboxy groups (after carbodiimide activation), and epoxides. ( $\lambda_{ex}$ =555 nm,  $\lambda_{em}$ =570 nm)<sup>[1]</sup>.

### REFERENCES

[1]. Zhang C, et, al. Influence of size, crosslinking degree and surface structure of poly(N-vinylcaprolactam)-based microgels on their penetration into multicellular tumor spheroids. *Biomater Sci.* 2019 Nov 1;7(11):4738-4747.

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

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