



# 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 Handels GmbH

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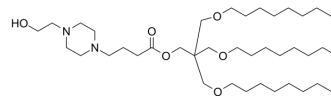
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## IAJD249

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| Cat. No.:          | HY-167004A                                                    |
| Molecular Formula: | C <sub>39</sub> H <sub>78</sub> N <sub>2</sub> O <sub>6</sub> |
| Molecular Weight:  | 671.05                                                        |
| Target:            | Liposome                                                      |
| Pathway:           | Metabolic Enzyme/Protease                                     |
| Storage:           | Solution, -20°C, 2 years                                      |



### BIOLOGICAL ACTIVITY

#### Description

IAJD249 is an ionizable lipid. The ability of ionizable lipids to form unstable non-bilayer structures at acidic pH is key for endosomal escape and cytosolic delivery of RNA. IAJD249 can be used in the preparation of liposomes<sup>[1]</sup>.

### REFERENCES

[1]. Schlich, et al. "Cytosolic delivery of nucleic acids: The case of ionizable lipid nanoparticles." Bioengineering & Translational Medicine 6.2 (2021): e10213.

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

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