

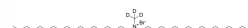
Dimethyldioctadecylammonium-d3 bromide

Cat. No.: SN-M-LE4291

Chemical Properties

Product Name	Dimethyldioctadecylammonium-d3 bromide
Cat. No.	SN-M-LE4291
Molecular Formula	C38H77D3BrN
Molecular Weight	633.97
Storage	Please store the product under the recommended conditions in the Certificate of Analysis.
Shipping	Room temperature in continental US; may vary elsewhere.
Purity	98+%

Structure



Biological Description

Dimethyldioctadecylammonium-d3 bromide (Dioctadecyldimethylammonium-d3 bromide) 是氘代标记的 Dimethyldioctadecylammonium bromide (HY-131119)。Dimethyldioctadecylammonium bromide 是一种合成的阳离子脂质，常用于基因传递和疫苗开发。它也被称为 DODAB 或 DDAB，由一个带正电的铵头基团和两个长疏水尾巴组成。这些特性使其可用于形成脂质体和其他基于脂质的纳米颗粒，这些纳米颗粒可以有效地将遗传物质输送到细胞中。除了在生物技术方面的应用，DDAB 还用于表面活性剂、乳化剂和织物柔软剂。然而，由于其潜在的毒性和刺激性，在处理 DDAB 时应格外小心。

Related Products / Keywords

- Dimethyldioctadecylammonium-d3Dioctadecyldimethylammonium-d3DODAB-d3二甲基双十八烷基溴化铵-d3Isotope-Labeled CompoundsLiposomeInhibitorinhibitorinhibit

This product is a research reagent and must not be used for clinical validation or human therapeutic use.