

Product Data Sheet

Product Name: Tetrabutylammonium-d 36 bromide

Cat. No.: GC79987

Chemical Properties

Cas. No. 2965296-86-8

Formula $C_{16}D_{36}BrN$

M.Wt 358.59

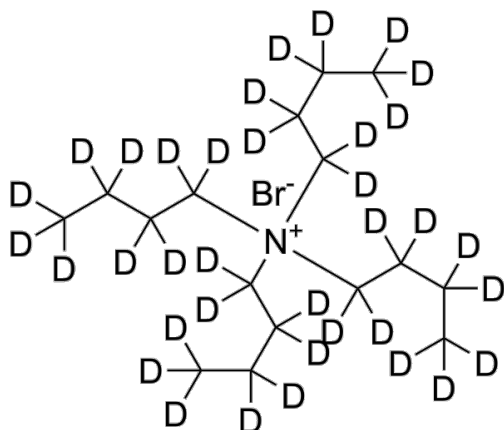
Solubility

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Tetrabutylammonium-d 36 bromide (AP 6G-d 36 bromide) is the deuterium labeled Tetrabutylammonium bromide. Tetrabutylammonium bromide is an organic ammonium compound, which is often used in catalytic reactions and separation and purification processes. It has a significant catalytic effect in some organic synthesis reactions, and can be used as a surfactant, stabilizer and antibacterial agent, etc. In addition, in some laboratory studies, this compound has also been used as an ion exchanger, solvent extractant, etc.

In Vitro, Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into

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

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drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs.

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