

Product datasheet

QX-314 bromide (N-Ethyllidocaine bromide) (mM/ml), Na⁺ channel blocker ab144492

[9 References](#) [1 Image](#)

Overview

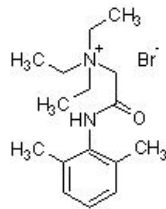
| | |
|-------------------------------|--|
| Product name | QX-314 bromide (N-Ethyllidocaine bromide) (mM/ml), Na ⁺ channel blocker |
| Description | Na ⁺ channel blocker. 1 ml water soluble pack. |
| Biological description | A membrane impermeable quaternary lidocaine derivative. Blocks voltage-sensitive Na ⁺ conductance when applied intracellularly. |

Soluble in 1 ml water to give specified mM/ml concentration. [Find out more.](#)

Purity > 99%

CAS Number 21306-56-9

Chemical structure



Properties

| | |
|-----------------------------|--|
| Chemical name | N-(2,6-Dimethylphenylcarbamoylmethyl)triethylammonium bromide |
| Molecular weight | 343.31 |
| Molecular formula | C ₁₆ H ₂₇ BrN ₂ O |
| PubChem identifier | 9884487 |
| Storage instructions | Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months. |
| Solubility overview | Soluble in 1 ml water to give specified mM/ml concentration |
| Handling | Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. |

Refer to SDS for further information

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

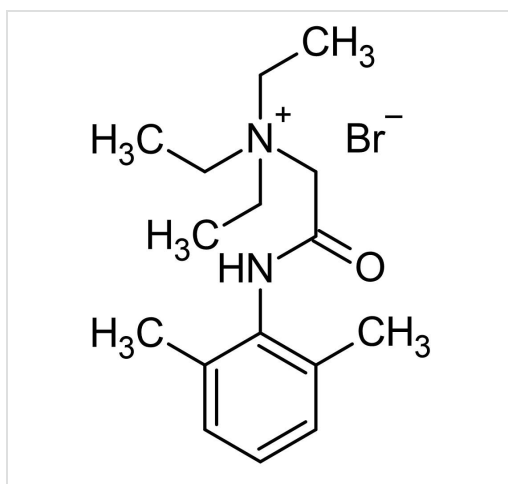
SMILES

[Br-].O=C(Nc1c(C)ccc1C)C[N+](CC)(CC)CC

Source

Synthetic

Images



2D chemical structure image of ab144492, QX-314 bromide (N-Ethylidocaine bromide) (mM/ml), Na⁺ channel blocker

Chemical Structure - QX-314 bromide (N-Ethylidocaine bromide) (mM/ml), Na⁺ channel blocker (ab144492)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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