

Dodecyltrimethylammonium chloride

Other names:

1-dodecanaminium, N,N,N-trimethyl-, chloride

Adogen 412

Alicop

Aliquat 4

Arquad 12

Arquad 12-37W

Arquad 12-50

Arquad 12/50

Arquad 12D

Cation BB

Cation FB

Chemquat 12-50

Dehyquart LT

Dodecanaminium, N,N,N-trimethyl-, chloride

Empigen 5089

Laur-trimonium chloride

Lauryltrimonium chloride

N,N,N-trimethyl-1-dodecanaminium chloride

N-dodecyl-N,N,N-trimethylammonium chloride

Nissan Cation BB

Octosol 562

Rewoquat B18

Trimethyl-1-dodecanaminium chloride

Varisoft LAC

ammonium, dodecyltrimethyl-, chloride

lauryltrimethylammonium chloride

monolauryltrimethylammonium chloride

n-Dodecyl trimethyl amonium chloride

n-dodecyltrimethylammonium chloride

trimethyldodecylammonium chloride

trimethyllaurylammonium chloride

Inchi:

InChI=1S/C15H34N.ClH/c1-5-6-7-8-9-10-11-12-13-14-15-16(2,3)4;/h5-15H2,1-4H3;1H/q

InchiKey:

DDXLVDQZPFLQMZ-UHFFFAOYSA-M

Formula:

C15H34ClN

SMILES:

CCCCCCCCCCCC[N+](C)(C)C.Cl

Mol. weight [g/mol]:

263.89

CAS:

112-00-5

Sources

**Micellar and Interfacial Behavior in
Mixtures of Dodecyldiethoxylamine
with Ionic Surfactants:**

<https://www.doi.org/10.1021/je400431e>

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C112005&Units=SI>

Latest version available from:

<https://www.cheméo.com/cid/93-452-7/Dodecyltrimethylammonium-chloride.pdf>

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