

Dimenhydrinate

Other names:

1H-Purine-2,6-dione, 8-chloro-3,7-dihydro-1,3-dimethyl-, compd. with
2-(diphenylmethoxy)-N,N-dimethylethanamine (1:1)
(o-Benzhydryl(dimethylamino)ethanol) 8-chlorotheophyllinate

Amosyt

Anautine

Andramine

Antemin

Aviomarin

Chloranautine

Diamarin

Dimate

Dimenest

Dimentabs

Diphenhydramine Theoclate

Diphenhydrinate

Dramalen

Dramamin

Dramamine

Dramarin

Dramilin

Dramyl

Dromyl

Eldodram

Ethylamine 2-(diphenylmethoxy)-N,N-dimethyl-, compd. with 8-chlorotheophylline
(1:1)
Gravinol

Gravol

Hydrinate

Menhydrinate

Neo-Navigan

Novamin

Novamine

Permital

Reise-Engletten

Supremal

Teodramin

Theophylline, 8-chloro-, compd. with 2-(diphenylmethoxy)-N,N-dimethylethylamine
(1:1)
Travelin

Travelmin

Troversin

Vomex A

Xamamina

2-(Benzhydryloxy)-N,N-dimethylethylamine compd. with 8-chlorotheophylline
 2-(Diphenylmethoxy)-N,N-dimethylethylamine 8-chlorotheophyllinate
 Benzhydryl-«beta»-dimethylaminoethylether 8-chlorotheophylline
 8-Chlorotheophylline, compd. with 2-(diphenylmethoxy)-N,N-dimethylethylamine
 (1:1)
 Diphenhydramine 8-chlorotheophylline
 Ethylamine, N,N-dimethyl-2-(diphenylmethoxy)-, compd. with 8-chlorotheophylline
 NCI-C60639
 8-Chlorotheophylline, compound with
 2-(diphenylmethoxy)-N,N-dimethylethylamine (1:1)
 Dommanate
 Dramocen
 Emedyl
 Emes
 Epha
 Faston
 Reidamine
 Removine
 Travel-gum

Dimenhydrinate (Diphenhydramine Teoclate) - from tablet donated by Watson -

Inchi: InChI=1S/C17H21NO.C7H7ClN4O2/c1-18(2)13-14-19-17(15-9-5-3-6-10-15)16-11-7-4-8-
InchiKey: NFLLKCVHYJRNHR-UHFFFAOYSA-N
Formula: C24H28ClN5O3
SMILES: CN(C)CCOC(c1ccccc1)c1ccccc1.Cn1c(=O)c2[nH]c(Cl)nc2n(C)c1=O
Mol. weight [g/mol]: 469.96
CAS: 523-87-5

Physical Properties

Property code	Value	Unit	Source
rmpol	1876.00		NIST Webbook
rmpol	1910.00		NIST Webbook
rmpol	1844.00		NIST Webbook
rmpol	1876.00		NIST Webbook
rmpol	1844.00		NIST Webbook
rmpol	1910.00		NIST Webbook

Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C523875&Units=SI>

Legend

rinpol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/125-006-6/Dimenhydrinate.pdf>

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