

Rhodamine B

Other names:

Ethanaminium,
N-[9-(2-carboxyphenyl)-6-(diethylamino)-3H-xanthen-3-ylidene]-N-ethyl-, chloride
Ammonium, [9-(2-carboxyphenyl)-6-(diethylamino)-3H-xanthen-3-ylidene]diethyl-,
chloride
Aizen Rhodamine BH
Aizen Rhodamine BHC
Akiriku Rhodamine B
ADC Rhodamine B
C.I. Basic Violet 10
C.I. Food Red 15
C.I. 45170
Calcozine Red BX
Calcozine Rhodamine BXP
Cerise Toner X1127
D And C Red No. 19
Diabasic Rhodamine B
Edicol Supra Rose B
Edicol Supra Rose BS
Eriosin Rhodamine B
FD And C red No. 19
Hexacol Rhodamine B Extra
Ikada Rhodamine B
Mitsui Rhodamine BX
Red No. 213
Rheonine B
Rhodamine
Rhodamine B Extra
Rhodamine B Extra M 310
Rhodamine B Extra S
Rhodamine B 500
Rhodamine BA
Rhodamine BA Export
Rhodamine BN
Rhodamine BS
Rhodamine BX
Rhodamine BXL
Rhodamine BXP
Rhodamine B500 hydrochloride
Rhodamine FB
Rhodamine Lake Red B
Rhodamine, tetraethyl-
Sicilian Cerise Toner A-7127

Symulex Magenta F
Symulex Rhodamine B Toner F
Takaoka Rhodamine B
Tetraethylrhodamine
11411 Red
Rhodamine B base
Rhodamine b, CI 45170
Brilliant rhodamine b
Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)-, chloride
(9-(o-Carboxyphenyl)-6-(diethylamino)-3H-xanthen-3-ylidene) diethylammonium chloride
Acid Brilliant Pink B
Basic Violet 10
Brilliant Pink B
C.I. No. 45170
C.I. 749
Calcozine Rhodamine BL
Calcozine Rhodamine BX
Certiqua Rhodamine
Cogilor Red 321.10
Cosmetic Brilliant Pink Bluish D conc
D & C Red No. 19
D&C Red 19
Diethyl-m-aminophenolphthalein hydrochloride
Edicol Suppa Rose BS
Elcozine Rhodamine B
Food Red 15
Geranium lake N
Iragen Red L-U
Rhodamine B chloride
Rhodamine B 20-7470
Rhodamine BF
Rhodamine BL
Rhodamine FB CL
Rhodamine O
Rhodamine S
Rhodamine, Blue shade
Symulex Pink F
Tetraethyldiamino-o-carboxyphenyl xanthylium chloride
9-o-Carboxyphenyl-6-diethylamino-3-ethylimino-3-isoxanthene, 3-ethochloride
D+C RED NO. 19
Rhodamine fb ci
Violet zasadita 10
9-(2-Carboxyphenyl)-3,6-bis(diethylamino)xanthylium chloride

	Tetraethylrhodamine hydrochloride
Inchi:	InChI=1S/C28H30N2O3.ClH/c1-5-29(6-2)19-13-15-23-25(17-19)33-26-18-20(30(7-3)8-4)
InchiKey:	PYWVYCXTNDRMGF-UHFFFAOYSA-N
Formula:	C28H31ClN2O3
SMILES:	CCN(CC)c1ccc2c(-c3ccccc3C(=O)O)c3ccc(=[N+](CC)CC)cc-3oc2c1.[Cl-]
Mol. weight [g/mol]:	479.01
CAS:	81-88-9

Physical Properties

Property code	Value	Unit	Source
ie	6.70 ± 0.05	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C81889&Units=SI>

Legend

ie: Ionization energy

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