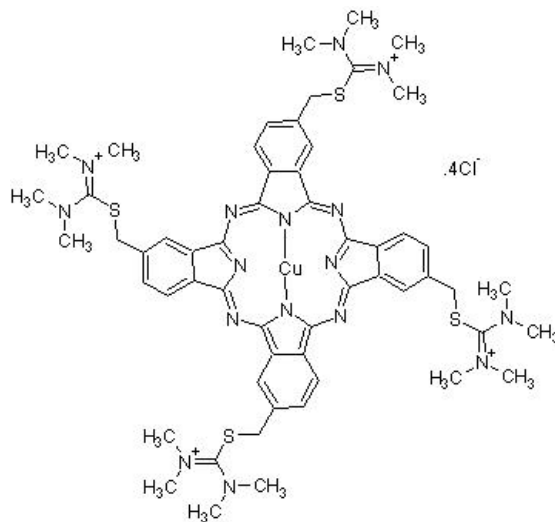


Alcian Blue 8GX, Cationic dye ab145250

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

Overview

Product name	Alcian Blue 8GX, Cationic dye
Description	Cationic dye
Purity	> 50%
CAS Number	75881-23-1
Chemical structure	



Properties

Molecular weight	1298.87
Molecular formula	C ₅₆ H ₆₈ Cl ₄ CuN ₁₆ S ₄
PubChem identifier	16211091
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 5 mM and in ethanol
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.

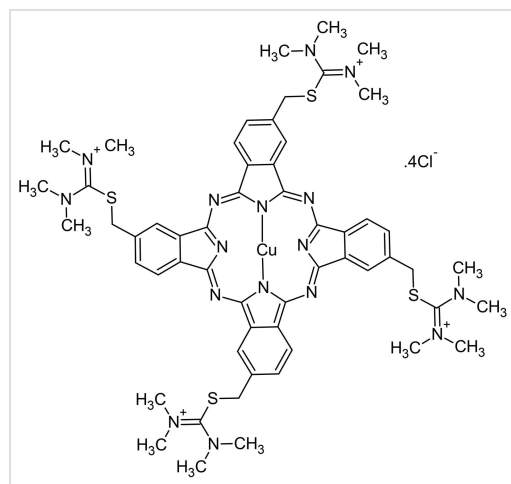
SMILES

CN(C)C(=[N+](C)C)SCC1=CC2=C(C=C1)C3=NC4=NC(=NC5=C6C=C(C=CC6=C([N-]5)N=C7C8=C(C=CC(=C8)CSC(=[N+](C)C)N(C)C(=N7)N=C2[N-]3)CSC(=[N+](C)C)N(C)C)C9=C4C=C(C=C9)CSC(=[N+](C)C)N(C)C.[Cl-].[Cl-].[Cl-].[Cl-].[Cu+2]

Source

Synthetic

Images



2D chemical structure image of ab145250, Alcian Blue 8GX, Cationic dye

Chemical Structure - Alcian Blue 8GX, Cationic dye
(ab145250)

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

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