

Product Name: Bismarck Brown Y
Catalog Number: A16674.14

CAS Number: 10114-58-6
IUPAC Name: dihydroge
n
4-(2-{3-[2-(2,4-diaminophenyl)diazen-1-yl]phenyl}diazen-1-yl)benzene-1,3-dia
mine
dichloride
Molecular Formula: C₁₈H₂₀Cl₂N₈
Molecular Weight: 419.31
InChI Key: MCZVRBLCRZWFJH-UHFFFAOYSA-N
SMILES: [H+].[H+].[Cl-].[Cl-].NC1=CC=C(N=NC2=CC(=CC=C2)N=NC2=CC=C(N)C=C2N)C(N)=C
1
Synonym: dihydrogen bismarck brown Y dichloride

Product Specification

Appearance (Color): Powder
Appearance (Color): Red-brown to dark brown or black
Assay (Dye): ≥45%
Comment: Specification differs for U.S. and non-U.S. material where indicated
lambda-max (UV-Vis): 454-464nm (in acidified 50% ethanol) (non-U.S. specification)
lambda-max (UV-Vis): 454-464nm: Passes Test (U.S. specification)

Date Of Print: 04/26/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.