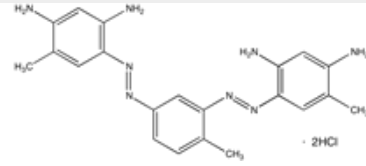


Bismarck brown R, C.I. 21010, for microscopy**Identification**

$C_{21}H_{24}N_8 \cdot 2HCl$
M = 461,40 g/mol
CAS [5421-66-9]
EC number: 226-541-4
Taric code: 2927 00 00

**Synonyms**

Basic brown 4, Vesuvin, 4,4'-(1,3-Phenylenebis(azo))bis(1,3-benzenediamine)

Applications

dye (for biology, cosmetics).

Specifications

Absorption maximum λ (in H₂O).....463 - 467 nm
Absorptivity (A1%/1 cm; λ 1 max)min. 250

related substances (TLC).....passes test
loss on drying (110 °C)..... max. 10 %

Physical data

• Melting point: 222 °C

Transport/storage

• 10°C - 30°C