

Specification

Version 02

28.05.2018

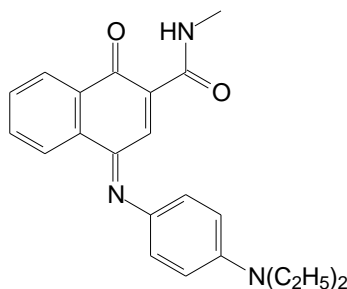
Code No. 77930

Cyan Dye 1

CAS No. 4899-82-5

EEC No.

Chemical Name

4-[[4-(Diethylamino)phenyl]imino]-1,4-dihydro-1-oxo-naphthalene-2-carboxylic acid-N-methylamide

Molecular Formula

C₂₂H₂₃N₃O₂

Molecular Weight

361.44

Product Properties

Appearance	black crystalline powder
Loss on drying (%)	≤ 1.0
Melting point (°C)	156 – 160 (DSC)
Maximum absorbance (nm)	669 - 672 (MeOH)
Extinction coefficient (L/mol·cm)	25000 – 29000
Sulphated ash (%)	≤ 0.1
Assay (Area%)	≥ 98.0 (HPLC)

Storage

Cool, dry, tightly closed

Application

Intermediate in organic syntheses