

Product Data Sheet

Product Name: DAB
Cat. No.: GC18494

Chemical Properties

Cas. No. 7411-49-6

SMILES NC1=CC=C(C2=CC=CC(N)C(N)=C2)C=C1N.[H]Cl.[H]Cl.[H]Cl.[H]Cl

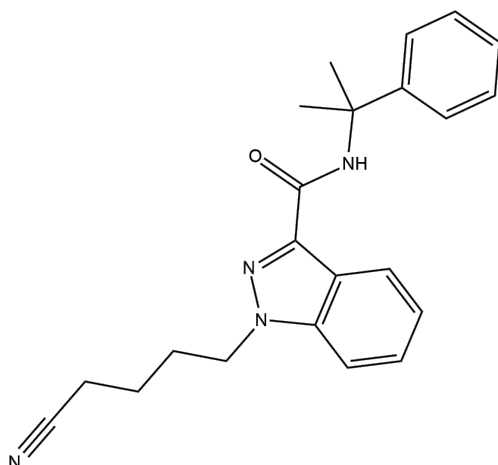
Formula $C_{12}H_{18}Cl_4N_4$ M.Wt 360.11

Solubility DMSO ≥ 43 mg/mL Storage Store at -20°C, protect from light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

DAB (3,3' Diaminobenzidine Tetrahydrochloride) is an organic compound that is both chemically and thermodynamically stable; DAB has been used in immunohistochemical staining of nucleic acids and proteins.

Reference:

[1]. Hannetz Roschttardt, et al. Plant Cell Nucleolus as a Hot Spot for Iron.

Caution: Product has not been fully validated for medical applications. For research use only.

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