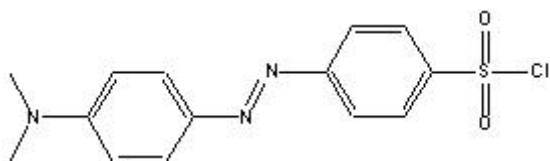


## TECHNICAL INFORMATION

Catalog Number: 150931

### 4-Dimethylaminoazobenzene-4'-sulfonyl chloride

#### Structure:

**Molecular Formula:** C<sub>14</sub>H<sub>14</sub>ClN<sub>3</sub>O<sub>2</sub>S**Molecular Weight:** 323.8**CAS # :** 56512-49-3**Synonym:** Dabsyl chloride; DABS-Cl**Physical Appearance:** Red crystalline powder**Description:** Chromophoric label for amino acids, peptides, and proteins.**Solubility:** Soluble in acetonitrile and DMF; slightly soluble in acetone

#### References:

- Lin, J.K., *Anal. Chem.*, **v. 52**, 630 (1980)
- Chang, J.Y., et al., *J. Chromatogr.*, **v. 116**, 215 (1976)
- Lin, J.K., et al., *Anal. Chem.*, **v. 47**, 1634 (1975)