

## Product Information Sheet

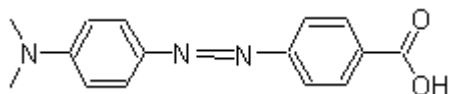
### Ordering Information

Product Number:	2001
Product Name:	DABCYL acid [4-((4-(Dimethylamino)phenyl)azo)benzoic acid]
Unit Size:	5 g
Storage Conditions:	<-15 °C and kept from light and moisture
Expiration Date:	12 months upon receiving

### Chemical and Spectral Properties

Molecular Weight: 269.3

Chemical Structure:



Soluble in: DMSO

Excitation Wavelength: 426 nm

Emission Wavelength: NA

### Application Notes

DABCYL acid is one of the most popular acceptors for developing FRET-based nucleic acid probes such as Molecular Beacon-based PCR probes. It is also used to prepare a variety of FRET peptides that are often used for the detection of various proteases. It is predominantly paired with EDANS (as fluorescence donor) in FRET-based fluorescent probes.