Biotium

Supplier of fluorescent and related biochemical reagents for life science research and drug discovery
Glowing Products for Science™

46117 Landing Parkway, Fremont, CA 94538 U.S.A.
Tel: 1-510-265-1027; Fax: 1-510-265-1352

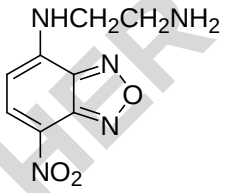
www.biotium.com

PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: **NBD-ethylenediamine**

CATALOG # **90047**

MOLECULAR INFORMATION: $C_8H_9N_5O_3$
MWt: 223.19



PROPERTIES:

Color & Form	Yellow solid
Purity	≥ 98% by TLC
Solubility	Soluble in DMSO or DMF
Absorption/Emission	455/535 nm
Extinction Coefficient	≥ 19,000

STORAGE AND HANDLING: Store at 4 °C and protect from light

APPLICATION: The fluorescence of NBD is highly dependent on the environment; it is virtually nonfluorescent in water but becomes strongly green fluorescent in hydrophobic media. NBD-ethylenediamine can be readily coupled to activated carboxy groups or sulfonyl chlorides.

TOXICITY: Not established. Not listed by NTP, IARC or OSHA.

FIRST AID: Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

Disclaimer: *Materials from Biotium are sold for research use only, and are not intended for food, drug, household, or cosmetic use. Biotium is not liable for any damage resulting from handling or contact with this product.*

DOMINIQUE DUTSCHER SAS