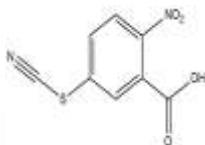


PRODUCT: 2-Nitro-5-thiothiocyanatobenzoic acid**ALTERNATE NAME:** NTCB**CATALOG #:** B1316-50, 250**AMOUNT:** 50 mg, 250 mg**STRUCTURE:****MOLECULAR FORMULA:** C₈H₄N₂O₄S**MOLECULAR WEIGHT:** 224.2**CAS NUMBER:** 30211-77-9**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (>10 mg/ml) and EtOH (>20 mg/ml)**PURITY:** ≥97% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** 2-Nitro-5-thiocyanatobenzoic acid is used to cyanilate proteins and to specifically cleave the amino-terminal peptide bond of cysteine residues. Also, acts as a hydratase inhibitor.**REFERENCES:** Kennedy, M.E., *et al.* (2016). *Sci Transl Med.* **8**, 363ra150.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Fumarate Colorimetric Assay Kit (**K633**)2-Nitro-5-thiocyanatobenzoic acid (**B1316**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**