PRODUCT: Glutathione ethyl ester

ALTERNATE NAME: L-γ-glutamyl-L-cysteinyl-glycine, 3-ethyl ester; GSH ethyl ester

CATALOG #: B2307-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₂H₂₁N₃O₆S

MOLECULAR WEIGHT: 335.4

CAS NUMBER: 92614-59-0

APPEARANCE: Crystalline solid

SOLUBILITY: H₂O (~20 mg/ml)

PURITY: ≥95%

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: Glutathione (GSH) ethyl ester is a cell-permeable derivative of GSH that undergoes hydrolysis by intracellular esterases to release GSH. Effective transport of GSH ethyl ester has been used to protect cells against damage from radiation, oxidants, and various toxic compounds including heavy metals.


HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:
N-Acetyl-4-benzoquinone Imine (B2306)
L-Buthionine-(S,R)-Sulfoximine (B2305)
Erastin (2231)
EZSolution™ Erastin (B1502)
Ferrostatin-1 (2230)
Glutathione ethyl ester (B2307)
Glutathione Peroxidase Colorimetric Assay Kit (K762)
ML-162 (B2304)
RSL3 (B2303)

USAGE: FOR RESEARCH USE ONLY! Not to be used in humans