Buthionine sulfoximine

γ-Glutamyl transpeptidase inhibitor

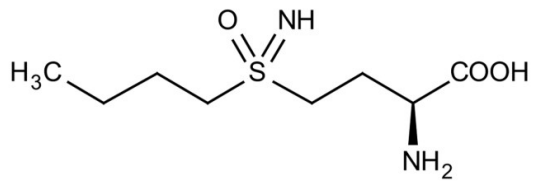
L-Buthionine-sulfoximine (BSO) induces oxidative stress in cells by irreversibly inhibiting γ-glutamylcysteine synthetase, an essential enzyme for the synthesis of glutathione.

Citations: 4 View Online »

Ordering Information Order Online »

BML-FR117-0500	500mg

Manuals, SDS & CofA View Online »


O
NH
H3C
S
COOH
NH2

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	BSO
Appearance	White solid.
CAS	83730-53-4
Couple Target	gamma-Glutamyl transpeptidase
Couple Type	Inhibitor
Formula	$C_8H_{18}N_2O_3S$
MW	222.3
Purity	≥97% (TLC)
Solubility	Soluble in water.

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.