

For-Met-Leu-pNA, N-Formylated Peptide Substrate

Catalog	Unit
TBP0130-5MG	5 mg
TBP0130-10MG	10 mg

Description

For-Met-Leu-pNA is an N-formylated tripeptide substrate engineered for assessing peptide deformylase activity in biochemical assays. Its structure comprises an N-formylmethionine (For-Met) at the N-terminus, followed by leucine (Leu), and concludes with a para-nitroanilide (pNA) moiety. This property enables real-time monitoring of deformylase activity, facilitating kinetic studies and inhibitor screenings.

Product Details

Formal Name: (2S)-2-[[[(2S)-2-formamido-4-methylsulfanylbutanoyl]amino]-4-methyl-N-(4-nitrophenyl)pentanamide

Molecular Formula: C₁₈H₂₆N₄O₅S

Formula Weight: 410.49

CAS Number: 111150-07-3

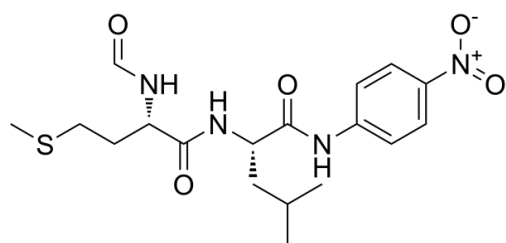
Purity: ≥98%

Formulation: powder

Storage: -20°C

Stability: >2 years

Solubility: DMSO



For research use only