

NNGH, MMP inhibitor (pan-specific)

Catalog	Unit
TBI1045-5MG	5 mg
TBI1045-25MG	25 mg

Product Details

Formal Name: N-Isobutyl-N-(4-methoxyphenylsulfonyl)glycyl hydroxamic acid

Molecular Formula: C₁₃H₂₀N₂O₅S

Formula Weight: 316.38

CAS Number: 161314-17-6

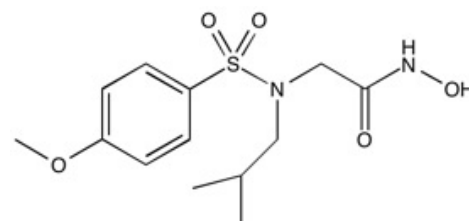
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 30 mg/ml) or in Ethanol (up to 8 mg/ml).

Storage: RT

Stability: ≥ 1 year.



Applications

MMP inhibitor (pan-specific)

Functions

Potent pan-specific inhibitor of matrix metalloproteinases (MMP3 $K_i=0.013 \mu\text{M}$). Inhibits MMP-1, -2, -7-10, -12-14 and MMP-20. Attenuates inflammation-induced thermal hyperalgesia. Cell Permeable.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml) or in Ethanol (up to 8 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.