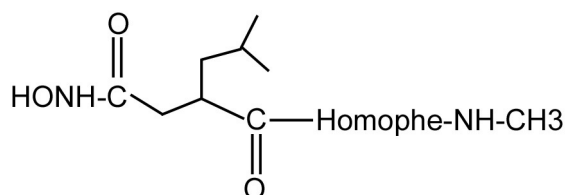


PRODUCT DATA SHEET

Product: MMP Inhibitor-1

Cat. No.: AB-052 (5 mg)



Description:

Metalloprotease Inhibitor-1.

Molecular Weight:

363

Sequence:

HomoPhe-Hydroxamic Acid

Form:

White solid

Purity:

>90% by HPLC.

Activity:

MMP Inhibitor-1 has demonstrated IC₅₀ on the following enzymes at the concentrations shown.

| | |
|-------------------------------|-----------|
| IC₅₀: MMP-1 | 7.4 nM |
| MMP-2 | 2.3 nM |
| MMP-3 | 135 nM |
| MMP-7 | 10-100 nM |
| MMP-13 | 1-10 nM |

Protocol:

Dissolve the MMP Inhibitor-1 in high purity DMSO (>99.9%) before use to make a stock solution of 20 mM. Then dilute by adding buffer.

Storage:

Store desiccated at room temperature. The stock solution in DMSO is stable at -20°C for 6 months. After adding buffer, use within 24 hours.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.