

PRODUCT INFORMATION

MDYKDHDGDYKDHDIDYKDDDDK (trifluoroacetate salt)

Item No. 42241

CAS Registry No.: 402750-12-3

Formal Name: L-methionyl-L- α -aspartyl-L-tyrosyl-L-lysyl-L- α -aspartyl-L-histidyl-L- α -aspartylglycyl-L- α -aspartyl-L-tyrosyl-L-lysyl-L- α -aspartyl-L-histidyl-L- α -aspartyl-L-isoleucyl-L- α -aspartyl-L-tyrosyl-L-lysyl-L- α -aspartyl-L- α -aspartyl-L-lysine

H — Met — Asp — Tyr — Lys — Asp — His — Asp — Gly — Asp — Tyr —
Lys — Asp — His — Asp — Ile — Asp — Tyr — Lys — Asp — Asp —
Asp — Asp — Lys — OH

Peptide Sequence: MDYKDHDGDYKDHDIDYKDDDDK-OH

MF: $C_{120}H_{169}N_{31}O_{49}S \cdot XCF_3COOH$

FW: 2,861.9

Purity: $\geq 98\%$

Supplied as: A solid

Storage: -20°C

Stability: ≥ 4 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

MDYKDHDGDYKDHDIDYKDDDDK (trifluoroacetate salt) is supplied as a solid. Aqueous solutions of MDYKDHDGDYKDHDIDYKDDDDK (trifluoroacetate salt) can be prepared by directly dissolving the solid in aqueous buffers. MDYKDHDGDYKDHDIDYKDDDDK (trifluoroacetate salt) is sparingly soluble (1-10 mg/ml) in PBS (pH 7.2). We do not recommend storing the aqueous solution for more than one day.

Description

MDYKDHDGDYKDHDIDYKDDDDK is a peptide elution ligand.^{1,2} It has commonly been used in affinity purification and immunoprecipitation (IP) assays.

References

1. Ueda, M., Manabe, Y., and Mukai, M. The high performance of 3XFLAG for target purification of a bioactive metabolite: A tag combined with a highly effective linker structure. *Bioorg. Med. Chem. Lett.* **21**(5), 1359-1362 (2011).
2. Yang, P., Sampson, H.M., and Krause, H.M. A modified tandem affinity purification strategy identifies cofactors of the *Drosophila* nuclear receptor dHNF4. *Proteomes* **6**(3), 927-935 (2006).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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