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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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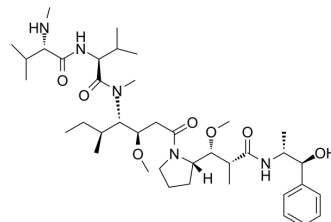
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Monomethyl auristatin E (Standard)

Cat. No.:	HY-15162R
CAS No.:	474645-27-7
Molecular Formula:	C ₃₉ H ₆₇ N ₅ O ₇
Molecular Weight:	717.98
Target:	Microtubule/Tubulin; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Apoptosis
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

Monomethyl auristatin E (MMAE) (Standard) is the analytical standard of Monomethyl auristatin E (HY-15162). This product is intended for research and analytical applications. Monomethyl auristatin E is a synthetic derivative of dolastatin 10 and functions as a potent mitotic inhibitor by inhibiting tubulin polymerization. MMAE is widely used as a cytotoxic component of antibody-drug conjugates (ADCs) against several different cancer types^[1].

REFERENCES

- [1]. Okeley, et al. Intracellular Activation of SGN-35, a Potent Anti-CD30 Antibody-Drug Conjugate. *Clinical Cancer Research* (2010), 16(3), 888-897.
- [2]. Lisa Buckel, et al. Tumor radiosensitization by monomethyl auristatin E: mechanism of action and targeted delivery. *Cancer Res.* 2015 Apr 1;75(7):1376-87.

Caution: Product has not been fully validated for medical applications. For research use only.

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