

## Asudemotide

Cat. No.:	HY-P1610
CAS No.:	1018833-53-8
Molecular Formula:	C <sub>58</sub> H <sub>80</sub> N <sub>10</sub> O <sub>17</sub>
Molecular Weight:	1189.31
Sequence:	Glu-Tyr-Tyr-Glu-Leu-Phe-Val-Asn-Ile
Sequence Shortening:	EYYELFVNI
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Asudemotide (S-588410) is a peptide of human DEP domain-containing protein 1A. Asudemotide is an immunostimulant. Asudemotide has a sequence of H-Glu-Tyr-Tyr-Glu-Leu-Phe-Val-Asn-Ile-OH. Asudemotide induces a tumor immune response in esophageal cancer. [1].

### REFERENCES

[1]. H Daiko, et al. Exploratory open-label clinical study to determine the S-588410 cancer peptide vaccine-induced tumor-infiltrating lymphocytes and changes in the tumor microenvironment in esophageal cancer patients. *Cancer Immunol Immunother.* 2020, 69, 11.

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

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