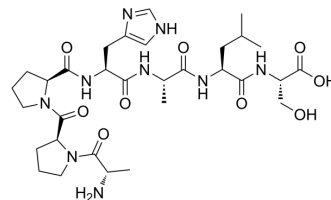


RS 09

| | | | |
|----------------------|---|-------|----------|
| Cat. No.: | HY-P1439 | | |
| CAS No.: | 1449566-36-2 | | |
| Molecular Formula: | C ₃₁ H ₄₉ N ₉ O ₉ | | |
| Molecular Weight: | 691.78 | | |
| Sequence Shortening: | APPHALS | | |
| Target: | Toll-like Receptor (TLR) | | |
| Pathway: | Immunology/Inflammation | | |
| Storage: | Powder | -80°C | 2 years |
| | | -20°C | 1 year |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (144.55 mM; Need ultrasonic)

| Concentration | Solvent | Mass | 1 mg | 5 mg | 10 mg |
|---------------|---------|------|-----------|-----------|-----------|
| | | | 1 mM | 1.4455 mL | 7.2277 mL |
| 5 mM | | | 0.2891 mL | 1.4455 mL | 2.8911 mL |
| 10 mM | | | 0.1446 mL | 0.7228 mL | 1.4455 mL |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

RS09 is a LPS peptide mimic serves as a candidate to be considered as a new class of TLR4 agonist adjuvant. RS09 increases antibody production in a vaccine setting^[1].

CUSTOMER VALIDATION

- Phytomedicine. 28 July 2022, 154360.

See more customer validations on www.MedChemExpress.com

REFERENCES

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

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