

Product Name	: RS09 2TFA 1449566-36-2(free base)
Synonyms	: —
Cat No.	: M23000
CAS Number	: □
Molecular Formula	: C35H51F6N9O13
Formula Weight	: 919.82
Chemical Name	: —
Description	: RS09 2TFA is a TLR4 agonist.Promotes NF-κB nuclear translocation and induces inflammatory cytokine secretion in RAW264.7 macrophages in vitro.It acts as an adjuvant in vivo and enhances X-15 specific antibody serum concentrations.
Pathway	: Immunology/Inflammation
Target	: TLR
Receptor	: TLR4
Solubility	: —
SMILES	: <chem>O=C(O)C(F)(F)F.O=C(O)C(F)(F)F.O=C([C@@H](C(=O)=O)NC([C@H](CC(C)C)NC([C@H](C)NC([C@H](CC1=CNC=N1)NC([C@H]2N(C([C@H]3N(C([C@H](C)N=O)CCC3=O)CCC2=O)=O)=O)=O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Li et al (2016) Intranasal vaccination against HIV-1 with adenoviral vector-based nanocomplex using synthetic TLR-4 agonist peptide as adjuvant. Mol.Pharm. 13 885 PMID: