

Product Name	: MMP-7-IN-2
Synonyms	: —
Cat No.	: M37148
CAS Number	: 2848717-49-5
Molecular Formula	: C ₂₈ H ₄₀ ClF ₃ N ₆ O ₉ S
Formula Weight	: 729.17
Chemical Name	: —
Description	: MMP-7-IN-2 (comp 16) is a selective MMP7 inhibitor, with an IC ₅₀ of 16 nM.
Pathway	: Metabolic Enzyme/Protease
Target	: MMP
Receptor	: MMP
Solubility	: In Vitro: DMSO : 100 mg/mL (137.14 mM; Ultrasonic)
SMILES	: <chem>S(N[C@@H](CCC(NCC(N[C@H](C(N[C@H](C(N[C@H](C(N=O)C)=O)C(C)C)=O)CC(C)C)=O)C(O)=O)(=O)=O)C1=CC(C(F)(F)F)=C(Cl)C=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Hideaki Tabuse, et al. Discovery of Highly Potent and Selective Matrix Metalloproteinase-7 Inhibitors by Hybridizing the S1' Subsite Binder with Short Peptides. J Med Chem. 2022 Oct 13;65(19):13253-13263.?