

Product Name	: Cyclo(-RGDfK) TFA
Synonyms	: —
Cat No.	: M22892
CAS Number	: 500577-51-5
Molecular Formula	: C ₂₉ H ₄₂ F ₃ N ₉ O ₉
Formula Weight	: 717.69
Chemical Name	: —
Description	: Cyclo(-RGDfK) is a selective αvβ3 integrin inhibitor (IC ₅₀ : 0.94 nM).
Pathway	: Cell Cycle/DNA Damage
Target	: Integrin
Receptor	: αvβ3 integrin
Solubility	: DMSO:100 mg/mL (139.34 mM; Need ultrasonic); H ₂ O:33.33 mg/mL (46.44 mM; Need ultrasonic)
SMILES	: <chem>C1C(=O)NC(C(=O)NC(C(=O)NC(C(=O)NC(C(=O)N1)CCCN=C(N)N)CCCCN)CC2=CC=CC=C2)CC(=O)O.C(=O)(C(F)(F)F)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Lopez-Rodriguez V, et al. Preparation and preclinical evaluation of (66)Ga-DOTA-E(c(RGDfK))₂ as a potential theranostic radiopharmaceutical. Nucl Med Biol. 2015 Feb;42(2):109-14.