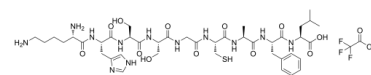


Data Sheet

Product Name:	Shepherdin (79-87) (TFA)
Cat. No.:	CS-0835420
Molecular Formula:	C ₄₃ H ₆₅ F ₃ N ₁₂ O ₁₄ S
Molecular Weight:	1063.11
Target:	HSP; Survivin
Pathway:	Apoptosis; Cell Cycle/DNA Damage; Metabolic Enzyme/Protease
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Shepherdin (79-87) TFA is amino acids 79 to 87 fragment of Shepherdin. Shepherdin is a peptidomimetic antagonist of the complex between Hsp90 and Survivin. Anticancer activity^[1].

References:

[1]. Plescia J, et al. Rational design of shepherdin, a novel anticancer agent. Cancer Cell. 2005 May;7(5):457-68.

CAIndexNames:

L-Leucine, L-lysyl-L-histidyl-L-seryl-L-serylglycyl-L-cysteiny-L-alanyl-L-phenylalanyl- (TFA)

SMILES:

OC(C(F)(F)F)=O.CC(C)C[C@@H](C(O)=O)NC([C@H](CC1=CC=CC=C1)NC([C@H](C)NC([C@H](CS)NC(CNC([C@H](CO)NC([C@H](CO)NC([C@H](CC2=CNC=N2)NC([C@H](CCCCN)N)=O)=O)=O)=O)=O)=O)=O

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

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