

Product Name	: Autocamtide-2-related inhibitory peptide
Synonyms	: —
Cat No.	: M23750
CAS Number	: 167114-91-2
Molecular Formula	: C80H143F3N22O22
Formula Weight	: 1822.1
Chemical Name	: —
Description	: Autocamtide-2-related inhibitory peptide is a highly specific and potent inhibitor of CaMKII with an IC50 of 40 nM.
Pathway	: Endocrinology/Hormones
Target	: CaMK
Receptor	: CaMKII
Solubility	: DMSO:10 mM
SMILES	: <chem>O=C(N[C@@H](CCC(N)=O)C(N[C@@H](CCC(O)=O)C(N[C@@H](C)C(N[C@@H](C(C)C)C(N[C@@H](CC(O)=O)C(N[C@@H](C)C(N[C@@H](C(O)=O)CC(C)C)=O)=O)=O)[C@H](CCCNC(N)=N)NC([C@H](CCCNC(N)=N)NC([C@H](CC(C)C)NC([C@H](C)NC([C@H](CCCCN)NC([C@@H](N)CCCCN)=O)=O)=O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

I.Ishida A, Kameshita I, Okuno S, Kitani T, Fujisawa H. A novel highly specific and potent inhibitor of calmodulin-dependent protein kinase II. Biochem Biophys Res Commun. 1995;212(3):806-812. doi:10.1006/bbrc.1995.2040