

Product Name	: Thymopentin
Synonyms	: Thymopentin; ORF-15244; ORF 15244 ORF15244; TP 5 Thymopietin pentapeptide; Thymopentine
Cat No.	: M15661
CAS Number	: 69558-55-0
Molecular Formula	: C30H49N9O9
Formula Weight	: 679.56
Chemical Name	: (6S,9S,12S,15S,18S)-1,6-diamino-9-(4-aminobutyl)-12-(carboxymethyl)-18-(4-hydroxybenzyl)-1-imino-15-isopropyl-7,10,13,16-tetraoxo-2,8,11,14,17-pentaazonadecan-19-oic acid
Description	: Synthetic pentapeptide corresponding to the amino acids 32-36 of thymopietin and exhibiting the full biological activity of the natural hormone. Thymopentin is an immunomodulator which has been studied for possible use in the treatment of rheumatoid arthritis, AIDS, and other primary immunodeficiencies.
Pathway	: Endocrinology/Hormones
Target	: Estrogen Receptor/ERR
Receptor	: ER
Solubility	: DMSO: 10 mM
SMILES	: <chem>OC1=CC=C(C=C1)C[C@@H](C(O)=O)NC([C@H](C(C)C)NC([C@H](CC(O)=O)NC([C@H](CCCCN)NC([C@H](CCCNC(N)=N)N)=O)=O)=O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Zhu MX, et al. Exp Cell Res. 2015 Feb 15;331(2):387-98.