

Product Name	: Tyr-Gly-Gly-Phe-Met-OH
Synonyms	: Met-Enkephalin;Methionine enkephalin
Cat No.	: M20687
CAS Number	: 58569-55-4
Molecular Formula	: C ₂₇ H ₃₅ N ₅ O ₇ S
Formula Weight	: 573.66
Chemical Name	: D-tyrosylglycylglycyl-L-phenylalanyl-L-methionine
Description	: Tyr-Gly-Gly-Phe-Met-OH is a naturally occurring endogenous opioid peptide that inhibits tumor growth via binding to the opioid receptor.
Pathway	: Endocrinology/Hormones
Target	: Opioid Receptor
Receptor	: Opioid Receptor
Solubility	: DMSO:40 mg/mL (69.73 mM)
SMILES	: CSCC[C@H](NC(=O)[C@H](Cc1ccccc1)NC(=O)CNC(=O)CNC(=O)[C@@H](N)Cc1ccc(O)cc1)C(=O)O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Zhao D Plotnikoff N Griffin N et al. Methionine enkephalin its role in immunoregulation and cancer therapy[J]. International Immunopharmacology 2016;S1567576916300509.