

## Product Datasheet

# [Leu5]-Enkephalin TFA(58822-25-6(free bas)) (orb1299612)

<b>Catalog Number</b>	orb1299612
<b>Category</b>	Proteins
<b>Description</b>	[Leu5]-Enkephalin (TFA salt, free base CAS 58822-25-6) is a potent and selective endogenous $\delta$ -opioid receptor agonist. It is widely used in neuroscience research to study opioid signaling, analgesia, and neurophysiological effects in both in vitro receptor binding assays and in vivo animal models.
<b>Target</b>	Endogenous Metabolite,Opioid Receptor
<b>Purity</b>	97.03% (May vary between batches)
<b>MW</b>	669.64
<b>Target Areas</b>	Opioid Receptor Endogenous Metabolite
<b>Solubility (25°C)</b>	DMSO:22.5 mg/mL (33.6 mM)
<b>CAS Number</b>	73563-78-7
<b>Formula</b>	C <sub>30</sub> H <sub>38</sub> F <sub>3</sub> N <sub>5</sub> O <sub>9</sub>
<b>SMILES</b>	CC(C)C[C@H](NC(=O)[C@H](Cc1ccccc1)NC(=O)CNC(=O)CNC(=O)[C@@H](N)Cc1ccc(O)cc1)C(=O)O.O=C(O)C(F)(F)F
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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