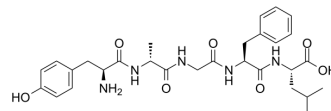


[D-Ala²]leucine-enkephalin

Cat. No.: HY-P0098
CAS No.: 64963-01-5
Molecular Formula: C₂₉H₃₉N₅O₇
Molecular Weight: 569.65
Sequence: Tyr-{d-Ala}-Gly-Phe-Leu
Sequence Shortening: Y-{d-Ala}-GFL
Target: Opioid Receptor
Pathway: GPCR/G Protein; Neuronal Signaling
Storage: Sealed storage, away from moisture
 Powder -80°C 2 years
 -20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 50 mg/mL (87.77 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.7555 mL	8.7773 mL	17.5546 mL
		5 mM	0.3511 mL	1.7555 mL	3.5109 mL
10 mM		0.1755 mL	0.8777 mL	1.7555 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 50 mg/mL (87.77 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	[D-Ala ²]leucine-enkephalin, a delta opioid agonist, is a degradation resistant long-acting Leu-enkephalin.
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Caution: Product has not been fully validated for medical applications. For research use only.

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