

[Tyr0] Corticotropin Releasing Factor, ovine

Chemical Properties

CAS No. : 83930-34-1

Formula:

Molecular Weight:

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	[Tyr ⁰] Corticotropin Releasing Factor, ovine, is a hypothalamic hormone sourced from sheep that prompts the secretion of adrenocorticotrophic hormone (ACTH) and β -endorphin [1] [2].
Targets(IC50)	CRFR
In vitro	[Tyr0] Corticotropin-Releasing Factor (ovine) exhibits a high affinity for plasma protein binding [1].
In vivo	[Tyr0] Corticotropin Releasing Factor, ovine, administered at 328 μ Ci/ μ g and an infusion rate of 198 pg/min or 225 pg/min via continuous intravenous infusion over 5-7 hours, demonstrates a prolonged plasma half-life and low metabolic clearance rate in male cynomolgus monkeys [1].

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