Product Data Sheet

Product Name: pTH (44-68) (human) TFA
Cat. No.: GC74383

Chemical Properties

Cas. No.

Formula	$C_{117}H_{199}N_{41}O_{41}.xC_2HF_3O_2$	M.Wt	2836.08 (free base)
Solubility	H_2O : ≥ 100 mg/mL	Storage	Sealed storage, away from moisture
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Arg-Asp-Ala-Gly-Ser-Gln-Arg-Pro-Arg-
Lys-Lys-Glu-Asp-Asn-Val-Leu-Val-Glu-
Ser-His-Glu-Lys-Ser-Leu-Gly (TFA salt)

Background

pTH (44-68) (human) TFA is a fragment of human paratroid hormone (pTH) that lacks the adenylate cyclase-stimulating activity of intact pTH. pTH (44-68) (human) TFA can be used to study the mechanism of action of pTH.

Caution: Product has not been fully validated for medical applications. For research use only.
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References:

[1]. Rosenblatt, et al. Synthesis of a fragment of human paratroid hormone, hPTH-(44-68). Journal of Medicinal Chemistry 20.11 (1977): 1452-1456.

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