Product Data Sheet

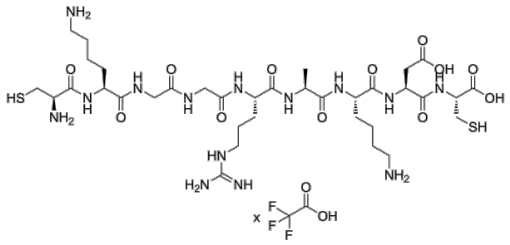
Product Name: CKGGRAKDC (linear) TFA
Cat. No.: GC81645

Chemical Properties

Cas. No.

Formula	$C_{35}H_{64}N_{14}O_{12}S_2 \cdot xC_2HF_3O_2$	M.Wt	937.1
Solubility	DMSO: ≥ 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



Background

CKGGRAKDC (linear) TFA is an adipose tissue homing peptide. CKGGRAKDC (linear) TFA binds to vasculature-enriched prohibitin in adipose tissue to enable selective tissue targeting. CKGGRAKDC (linear) TFA can be used to selective delivery of cargos to adipose tissues [1].

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

In Vitro, CKGGRAKDC (linear) TFA promotes the selective enrichment of coupled liposome nanoparticles in adipose tissue and reduces their retention in non-adipose tissues[1].

References:

[1]. Chen K, et al. Adipose-targeted triiodothyronine therapy counteracts obesity-related metabolic complications and atherosclerosis with negligible side effects. Nat Commun. 2022;13(1):7838. Published 2022 Dec 20.