

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

Cas. No.

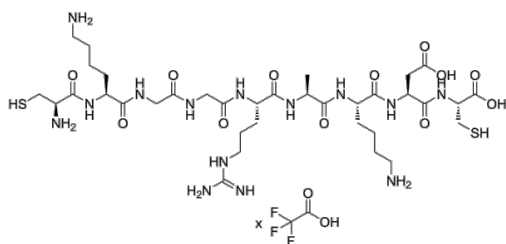
Formula	$C_{35}H_{64}N_{14}O_{12}S_2 \cdot x C_2HF_3O_2$	M.Wt	937.1
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Solubility	DMSO: ≥ 100 mg/mL	Storage	Sealed storage, away from moisture
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General tips	For obtaining a higher solubility , please 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.
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Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.
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Structure



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.

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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.

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