

## Product Data Sheet

Product Name: PSMA targeting peptide TFA

Cat. No.: GC74304

### Chemical Properties

Cas. No.

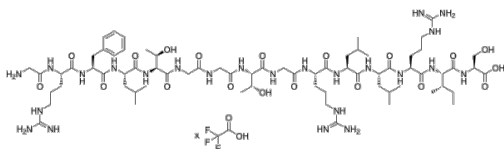
Formula  $C_{70}H_{122}N_{24}O_{19} \cdot xC_2HF_3O_2$  M.Wt 1603.87 (free base)

Solubility  $H_2O$  : 100 mg/mL (Need ultrasonic) Storage Sealed storage, away from moisture and light

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

PSMA targeting peptide TFA (PSMA-1 TFA) is a PSMA targeting peptide (GRFLTGGTGRLLRIS) and can be used for targeted delivery of glucose-regulated protein (GRP)-silencing siRNAs in PCa cells.

References:

[1]. Cultrara CN, et al. Size Matters: Arginine-Derived Peptides Targeting the PSMA Receptor Can Efficiently Complex but Not Transfect siRNA. Mol Ther Nucleic Acids. 2019;18:863-870.

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

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