

Product Data Sheet

Product Name: NOTA-TATE

Cat. No.: GC79318

Chemical Properties

Cas. No. 709043-21-0

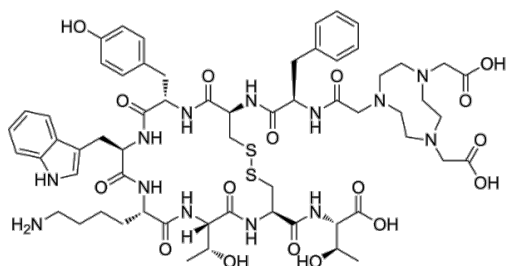
Formula $C_{61}H_{83}N_{13}O_{17}S_2$ M.Wt 1334.52

Solubility DMSO: 100 mg/mL (74.93 mM; Need Storage Sealed storage, away from moisture ultrasonic)

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

NOTA-TATE is a somatostatin receptor 2 (SSTR2) binder. NOTA-TATE binds to SSTR2 to enable targeting of SSTR2-positive tumour cells for PET imaging. NOTA-TATE can be used for the research of neuroendocrine tumours [1].

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

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In Vivo, ⁶⁸Ga-NOTA-TATE (0.1 mCi/2.96 MBq; i.v.; single dose) demonstrates comparable tumour uptake to ⁶⁸Ga-DOTA-TATE in AR42J tumour-bearing nude mice within 1 h post-injection, with clear tumour visualization on micro-PET/CT^[1].

References:

[1].pdf

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