

Product Data Sheet

Product Name: NODAGA-LM3

Cat. No.: GC74405

Chemical Properties

Cas. No.

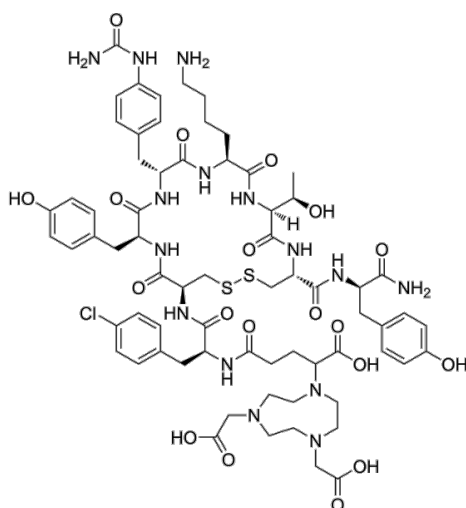
Formula $C_{68}H_{90}ClN_{15}O_{19}S_2$ M.Wt 1521.11

Solubility DMSO : 66.67 mg/mL (43.83 mM; Storage Sealed storage, away from moisture
Need 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

NODAGA-LM3 can be labeled by ^{68}Ga for PET imaging. ^{68}Ga -NODAGA-LM3 is a SSTR2 antagonist, and can be used for imaging of SSTR positive paragangliomas.

References:

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

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- [1]. Fani M, et al. PET of somatostatin receptor-positive tumors using ^{64}Cu - and ^{68}Ga -somatostatin antagonists: the chelate makes the difference. J Nucl Med. 2011 Jul;52(7):1110-8.
- [2]. Zhu W, et al. A Prospective, Randomized, Double-Blind Study to Evaluate the Safety, Biodistribution, and Dosimetry of ^{68}Ga -NODAGA-LM3 and ^{68}Ga -DOTA-LM3 in Patients with Well-Differentiated Neuroendocrine Tumors. J Nucl Med. 2021 Oct;62(10):1398-1405.

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