DOTA-LM3 TFA

PRODUCT OVERVIEW

Product Name	DOTA-LM3, Biochemical
Full Product Name	DOTA-LM3 TFA
Product Gene Name	DOTA-LM3 biochemical
Preparation and Storage	Powder: -20 degree C for 3 years | In solvent: -80 degree C for 1 year
Molecular Weight	1664.18
Formula	C71H94ClF3N16O21S2
Solubility	(< 1 mg/ml refers to the product slightly soluble or insoluble)
In_vitro	The compound 177Lu-DOTA-LM3 TFA is tolerable and primarily accumulates in the systemic circulation, kidneys, spleen, and metastatic lesions, resulting in higher average absorbed doses to these organs and tumors [2].
Related Product Information for DOTA-LM3 biochemical	DOTA-LM3 TFA is a somatostatin receptor (SSTR) antagonist with the molecular structure p-Cl-Phe-cyclo(D-Cys-Tyr-D-4-amino-Phe(carbamoyl)-Lys-Thr-Cys)D-Tyr-NH2. It is effectively used in tracing tumors in vivo through isotopic labeling, examples being 177Lu-DOTA-LM3 TFA and 68Ga-DOTA-LM3 TFA. The 68Ga-labeled compound demonstrates favorable biodistribution, high tumor uptake, good tumor retention, and minimal safety concerns. Meanwhile, the 177Lu-labeled variant is utilized in research targeting DOTATOC-negative liver metastases such as pancreatic NET and extensive tumor thrombosis.
Other Notes	Small volumes of DOTA-LM3 biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DOTA-LM3 purchase	MBS5819780 is a biochemical targeting DOTA-LM3. Also known as DOTA-LM3 TFA.

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Online datasheet: https://www.mybiosource.com/biochemical/dota-lm3/5819780