

JR11-PEG3-DOTA-PSMA-03

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Keep away from moisture

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	JR11-PEG3-DOTA-PSMA-03 (Compound 2) is a RDC-related compound consisting of the chelator DOTA, the JR11 peptide (an SSTR2 antagonist), and a PSMA ligand. It binds to SSTR2 and PSMA with IC50 values of 94.0 nM and 81.8 nM, respectively. JR11-PEG3-DOTA-PSMA-03 can be radiolabeled with [68Ga] and the [68Ga]-labeled version is utilized in diagnostic studies of neuroendocrine-differentiated prostate cancer.
Targets(IC50)	PSMA

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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481