

Cetuximab sarotalocan

Chemical Properties

CAS No. : 2166339-33-7

Formula:

Molecular Weight:

Storage: -20°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

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| Description | Cetuximab sarotalocan (Cetuximab-IRDye-700DX) is a conjugate comprising Cetuximab, an anti-EGFR monoclonal antibody, and IRdye700DX, a near-infrared photosensitizing dye. It is utilized in the study of head and neck cancers [1] [2]. |
| Targets(IC50) | Antibody-Drug Conjugates (ADCs) |
| In vitro | Cetuximab sarotalocan sodium, an antibody-photosensitive complex, combines Cetuximab, an epidermal growth factor receptor monoclonal antibody, with the dye IRdye700DX, a photosensitive substance. After administration, illumination with a red light at 690 nm [2] specifically destroys only the tumor cells. |

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481