

Product Data Sheet

Product Name: Triethylene glycol bis(p-toluenesulfonate)

Cat. No.: GC61351

Chemical Properties

Cas. No. 19249-03-7

SMILES CC1=CC=C(C=C1)S(=O)(=O)OCCOCCOCCOS(=O)(=O)C1=CC=C(C)C=C1

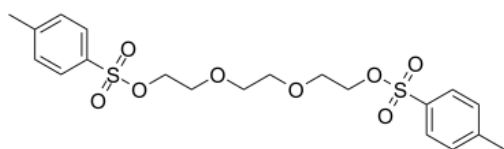
Formula $C_{20}H_{26}O_8S_2$ M.Wt 458.54

Solubility Storage Store at -20°C

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

Triethylene glycol bis(p-toluenesulfonate) is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].

PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

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

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[1]. Snaebjornsson MT, et al. Non-canonical functions of enzymes facilitate cross-talk between cell metabolic and regulatory pathways. Exp Mol Med. 2018 Apr 16;50(4):34.

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