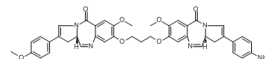


Product Name : SGD-1882

Synonyms : PBD dimer; Pyrrolobenzodiazepine dimer

Cat No. : M10845

CAS Number : 1222490-34-7



Molecular Formula : C₄₂H₃₉N₅O₇

Formula Weight : 725.80

Chemical Name : (S)-2-(4-aminophenyl)-7-methoxy-8-(3-(((S)-7-methoxy-2-(4-methoxyphenyl)-5-oxo-5,11a-dihydro-1H-benzo[e]pyrrolo[1,2-a][1,4]diazepin-8-yl)oxy)propoxy)-1,11a-dihydro-5H-benzo[e]pyrrolo[1,2-a][1,4]diazepin-5-one

Description : SGD-1882 (PBD dimer, Pyrrolobenzodiazepine dimer) is a novel potent DNA-intercalating payload dimer (PBD dimer) payload for antibody-drug conjugates (ADCs).

Pathway : Antibody Drug Conjugates (ADC)

Target : ADC Cytotoxin

Receptor : ADC Cytotoxin

Solubility : —

SMILES : COC1=CC=C(C=C1)C2=CN3C(C2)C=NC4=CC(=C(C=C4C3=O)OC)OCCOC5=C(C=C6C(=C5)N=CC7CC(=CN7C6=O)C8=CC=C(C=C8)N)OC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Sean W. Smith, et al. ACS Med. Chem. Lett. DOI: 10.1021/acsmedchemlett.7b00436