

Tesirine Biochemical

Tesirine

CATALOG #
AAA201910

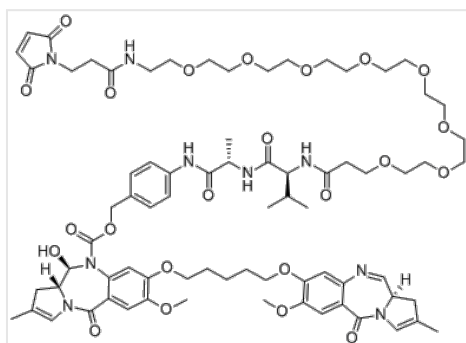
PRODUCT SYNONYMS

Tesirine; SG3249; SG-3249; Tesirine biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	Analytical data HPLC: 98% purity
Target	Drug-Linker Conjugates
Receptor	Drug-Linker Conjugates
Chemical Name	4-((S)-N-((S)-1-amino-1-oxopropan-2-yl)-34-(2, 5-dioxo-2, 5-dihydro-1H-pyrrol-1-yl)-2-isopropyl-4, 32-dioxo-7, 10, 13, 16, 19, 22, 25, 28-octaoxa-3, 31-dioxo-5, 11a-dihydr
SMILES	<chem>CC1=CN2C(C1)C=NC3=CC(=C(C=C3C2=O)OC)OCCCCCOC4=C(C=C5C(=C4)N(C(C6CC(=CN6C5=O)C)O)C(=O)OCC7=CC=C(C=C7)NC(=O)C(C)C</chem>
Molecular Formula	C75H101N9O23
CAS Number	1595275-62-9
Formula Weight	1496.67
NMR	Consistent with structure
Pathway	Antibody Drug Conjugates (ADC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Tesirine biochemical	Tesirine (SG3249) is a cathepsin B-cleavable valine-alanine pyrrolobenzodiazepine (PBD) dimer as antibody-drug conjugate (ADC) payload; Tesirine (SG3249) was designed to combine potent antitumor activity with desirable physicochemical properties such as favorable hydrophobicity and improved conjugation characteristics; Rovalpituzumab tesirine is a first-in-class antibody-drug conjugate directed against delta-like protein 3 (DLL3), a novel target identified in tumour-initiating cells and expressed in small-cell lung cancer.
Product Categories/Family for Tesirine biochemical	Antibody Drug Conjugates (ADC)
References	1. Tiberghien AC, et al. ACS Med Chem Lett. 2016 May 24; 7 (11):983-987. 2. Cancer Discov. 2015 Dec; 5 (12):OF4. doi: 10.1158/2159-8290.CD-NB2015-144. 3. Rudin CM, et al. Lancet Oncol. 2017 Jan; 18 (1):42-51.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/biochemical/tesirine/201910>