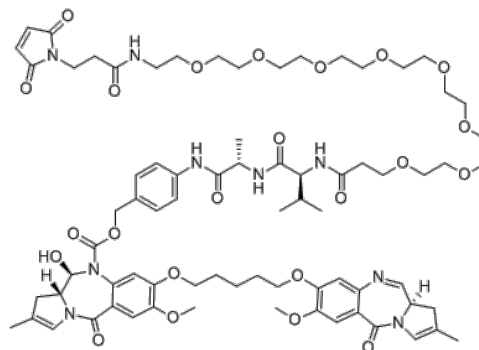


Product Name : Tesirine
Cat. No. : PC-35368
CAS No. : 1595275-62-9
Molecular Formula : C₇₅H₁₀₁N₉O₂₃
Molecular Weight : 1496.673
Target : Drug-Linker Conjugates
Solubility :

2. *Cancer Discov.* 2015 Dec;5(12):OF4. doi: 10.1158/2159-8290.CD-NB2015-144.
Rudin CM, et al. *Lancet Oncol.* 2017 Jan;18(1):42-51.



Biological Activity

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.

References

Tiberghien AC, et al. *ACS Med Chem Lett.* 2016 May 24;7(11):983-987.

