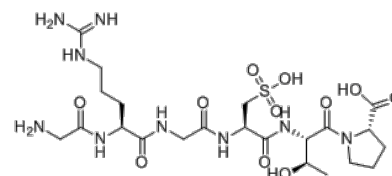


Product Name : Risuteganib
Cat. No. : PC-35165
CAS No. : 1307293-62-4
Molecular Formula : C₂₂H₃₉N₉O₁₁S
Molecular Weight : 637.666
Target : Integrin
Solubility : 10 mM in DMSO



1. Yang P, et al. *Invest Ophthalmol Vis Sci.* 2020 Aug 3;61(10):35.
2. Schneider K, et al. *Exp Eye Res.* 2021 Feb;203:108287.

Biological Activity

Risuteganib (ALG-1001) is a first-in-class, RGD class oligopeptide that inhibits **integrin receptors ($\alpha v\beta 3$, $\alpha v\beta 5$, and $\alpha 5\beta 1$)** associated with angiogenesis.

ALG1001 inhibits an integrin-mediated pathway of the vitreoretinal interface, connecting the posterior aspect of the vitreous with the internal limiting membrane of the retina.

In blocking this pathway, ALG-1001 helps to achieve vitreous breakdown and separation from the retina.

References

