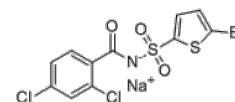


Product Name : Tasisulam sodium
Cat. No. : PC-62312
CAS No. : 519055-63-1
Molecular Formula : C₁₁H₅BrCl₂NNaO₃S₂
Molecular Weight : 437.09
Target : E3 Ubiquitin Ligase
Solubility : 10 mM in DMSO



Biological Activity

Tasisulam sodium (LY-573636) is a small molecule antitumor agent that induces apoptosis via the intrinsic pathway, resulting in cytochrome c release and caspase-dependent cell death.

Tasisulam sodium shows antiproliferative effect against a variety of human hematopoietic malignancies, including AML, B-ALL, large B-cell and mantle cell lymphoma cell lines.

Tasisulam sodium promotes the recruitment of **RBM39** to the CUL4-DCAF15 E3 ubiquitin ligase, leading to RBM39 polyubiquitination and proteasomal degradation.

Tasisulam sodium causes aberrant pre-mRNA splicing.

References

Meier T, et al. *Mol Cancer Ther.* 2011 Nov;10(11):2168-78.

Haritunians T, et al. *Oncol Rep.* 2008 Nov;20(5):1237-42.

Han T, et al. *Science.* 2017 Apr 28;356(6336). pii: eaal3755.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com