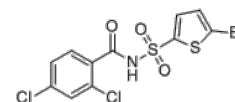


Product Name : Tasisulam
Cat. No. : PC-62313
CAS No. : 519055-62-0
Molecular Formula : C₁₁H₆BrCl₂NO₃S₂
Molecular Weight : 415.1
Target : E3 Ubiquitin Ligase
Solubility : 10 mM in DMSO



Biological Activity

Tasisulam (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 (LY-573636) shows antiproliferative effect against a variety of human hematopoietic malignancies, including AML, B-ALL, large B-cell and mantle cell lymphoma cell lines.

Tasisulam (LY-573636) promotes the recruitment of RBM39 to the **CUL4-DCAF15 E3 ubiquitin ligase**, leading to RBM39 polyubiquitination and proteasomal degradation.

Tasisulam (LY-573636) 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!

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