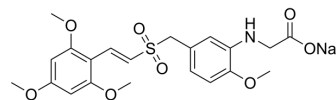


(E/Z)-Rigosertib sodium

Cat. No.:	HY-18651
CAS No.:	1225497-78-8
Molecular Formula:	C ₂₁ H ₂₄ NNaO ₈ S
Molecular Weight:	473.47
Target:	Polo-like Kinase (PLK)
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Rigosertib (ON-01910) is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
IC ₅₀ & Target	PLK1
In Vitro	Rigosertib (ON-01910) sodium is a non-ATP competitive PLK1 inhibitor with IC ₅₀ of 9 nM, 30-fold selectivity over Plk2, no inhibitory activity against Plk3. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Gumireddy K, et al. ON01910, a non-ATP-competitive small molecule inhibitor of Plk1, is a potent anticancer agent. Cancer Cell. 2005 Mar;7(3):275-86.

Caution: Product has not been fully validated for medical applications. For research use only.

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