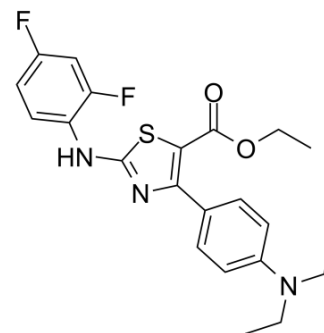


Dynarrestin

Cat. No.:	HY-121802
CAS No.:	2222768-84-3
Molecular Formula:	C ₂₂ H ₂₃ F ₂ N ₃ O ₂ S
Molecular Weight:	431.5
Target:	Hedgehog
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Dynarrestin is a aminothiazole inhibitor of **cytoplasmic dyneins 1 and 2**. Dynarrestin rapidly and reversibly inhibits dynein 1-driven microtubule gliding in vitro plus a range of dynein 1- and 2-dependent processes in cells without affecting ATP hydrolysis and interfering with ciliogenesis. Dynarrestin suppresses **hedgehog (Hh)**-dependent proliferation of neuronal precursors and tumor cells^[1].

REFERENCES

[1]. Höing S, et al. Dynarrestin, a Novel Inhibitor of Cytoplasmic Dynein. *Cell Chem Biol.* 2018 Apr 19;25(4):357-369.e6.

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

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