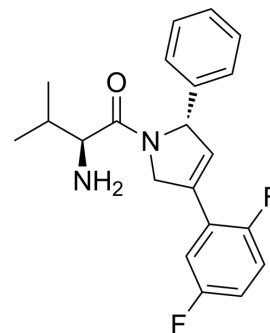


KSP-IA

Cat. No.:	HY-124790
CAS No.:	639074-49-0
Molecular Formula:	C ₂₁ H ₂₂ F ₂ N ₂ O
Molecular Weight:	356.41
Target:	Kinesin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

KSP-IA (compound 17) is a potent kinesin spindle protein (KSP) inhibitor with an IC₅₀ value of 3.6 nM. KSP-IA inhibits cell mitosis^[1].

REFERENCES

[1]. Fraley ME, et, al. Kinesin spindle protein (KSP) inhibitors. Part 2: the design, synthesis, and characterization of 2,4-diaryl-2,5-dihydropyrrole inhibitors of the mitotic kinesin KSP. *Bioorg Med Chem Lett.* 2006 Apr 1;16(7):1775-9.

[2]. Fraley ME, et, al. Kinesin spindle protein (KSP) inhibitors. Part 2: the design, synthesis, and characterization of 2,4-diaryl-2,5-dihydropyrrole inhibitors of the mitotic kinesin KSP. *Bioorg Med Chem Lett.* 2006 Apr 1;16(7):1775-9.

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

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