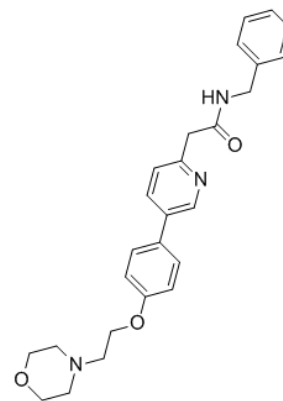


Product Name : KX2-391
Cat. No. : PC-42537
CAS No. : 897016-82-9
Molecular Formula : C₂₆H₂₉N₃O₃
Molecular Weight : 431.5268
Target : Src
Solubility : 10 mM in DMSO



Biological Activity

KX2-391 (Tirbanibulin, KX 01, KX 2-391) is a highly selective, non-ATP competitive substrate-pocket-directed **Src**/pretubulin inhibitor.

KX2-391 (Tirbanibulin, KX 01, KX 2-391) inhibits c-Src kinase with GI50s of 1.34 μ M and 2.30 μ M in NIH3T3/c-Src527F and SYF/c-Src527F cells, respectively.

KX2-391 (Tirbanibulin, KX 01, KX 2-391) causes microtubule disruption in tumor cells.

KX2-391 (Tirbanibulin, KX 01, KX 2-391) is orally active.

References

Fallah-Tafti A, et al. *Eur J Med Chem.* 2011 Oct;46(10):4853-8.

Anbalagan M, et al. *Mol Cancer Ther.* 2012 Sep;11(9):1936-47.

Liu T, et al. *Clin Cancer Res.* 2013 Dec 1;19(23):6532-43.

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

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