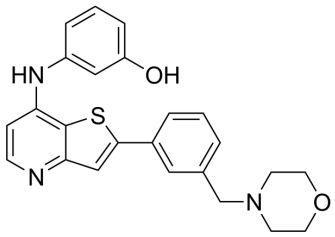
LCB 03-0110

Cat. No.:	HY-110367A
CAS No.:	1228102-01-9
Molecular Formula:	$C_{24}H_{23}N_3O_2S$
Molecular Weight:	417.52
Target:	Src
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	LCB 03-0110, a thienopyridine derivative, is a potent pan-discoidin domain receptor/c-Src family tyrosine kinase inhibitor. LCB 03-0110 suppresses scar formation by inhibiting fibroblast and macrophage activation[1].
In Vitro	LCB 03-0110 suppresses the proliferation and migration of primary dermal fibroblasts induced by transforming growth factor β1 and type I collagen[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	LCB 03-0110 suppresses the accumulation of myofibroblast and macrophage cells in the healing wound and reduced hypertrophic scar formation after wound closing on rabbit ears[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sun X, et, al. LCB 03-0110, a novel pan-discoidin domain receptor/c-Src family tyrosine kinase inhibitor, suppresses scar formation by inhibiting fibroblast and macrophage activation. J Pharmacol Exp Ther. 2012 Mar;340(3):510-9.

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