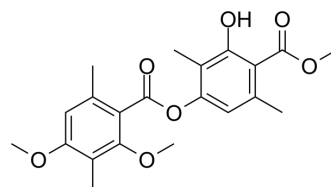


AcrB-IN-5

Cat. No.:	HY-157533
CAS No.:	81050-84-2
Molecular Formula:	C ₂₁ H ₂₄ O ₇
Molecular Weight:	388.41
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AcrB-IN-5 (compound 8) inhibits AcrB and blocks the efflux pump in a dose-dependent manner ^[1] .
In Vitro	AcrB-IN-5 (0-200 μM, 30 min) inhibits the efflux pump activity of AcrB, increases the H33342 accumulation by 2-fold (50 μM) and levofloxacin antibacterial activity by 4-fold (200 μM) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Thien-Vy Phan, et al., Computational assessment and in vitro test of phytochemicals of *Usnea aciculifera* as potential inhibitors of *Escherichia coli* efflux pump AcrB, *Journal of Biomolecular Structure and Dynamics*

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

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