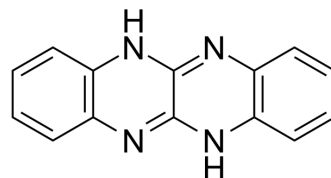


Fluoflavine

Cat. No.:	HY-126195		
CAS No.:	531-46-4		
Molecular Formula:	C ₁₄ H ₁₀ N ₄		
Molecular Weight:	234.26		
Target:	NADPH Oxidase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : < 1 mg/mL (insoluble or slightly soluble)
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BIOLOGICAL ACTIVITY

Description	Fluoflavine (ML-090) is a selective NOX1 inhibitor with an IC ₅₀ of 90 nM. Fluoflavine has >100 selectivity for NOX1 over NOX2, NOX3, NOX4 (all IC ₅₀ >10 μM). ML-090 has an IC ₅₀ of 360 nM in HEK293 cells ^[1] .
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REFERENCES

[1]. SJ Brown, et al. Probe Report for NOX1 Inhibitors.

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

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