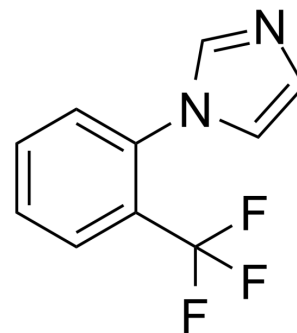


TRIM

Cat. No.:	HY-101316
CAS No.:	25371-96-4
Molecular Formula:	C ₁₀ H ₇ F ₃ N ₂
Molecular Weight:	212.17
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TRIM is a potent nitric oxide synthase inhibitor. TRIM inhibits mouse cerebellar nNOS and rat lung iNOS in vitro with IC ₅₀ values of 28.2 and 27.0 μM, respectively. Antidepressant- and anxiolytic-like effects ^{[1][2]} .
In Vitro	TRIM is a relatively weak inhibitor of eNOS (IC ₅₀ , 1057.5 μM) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Handy RL, et al. The antinociceptive effect of 1-(2-trifluoromethylphenyl) imidazole (TRIM), a potent inhibitor of neuronal nitric oxide synthase in vitro, in the mouse. *Br J Pharmacol.* 1995;116(5):2349-2350.
- [2]. Volke V, et al. Antidepressant- and anxiolytic-like effects of selective neuronal NOS inhibitor 1-(2-trifluoromethylphenyl)-imidazole in mice. *Behav Brain Res.* 2003;140(1-2):141-147.

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

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