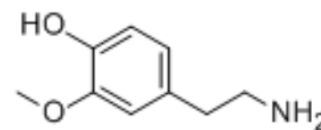


3-Methoxytyramine

Cat. No.:	HY-103638A		
CAS No.:	554-52-9		
Molecular Formula:	C ₉ H ₁₃ NO ₂		
Molecular Weight:	167.21		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	3-Methoxytyramine, a well known extracellular metabolite of 3-hydroxytyramine/dopamine, is a neuromodulator.
IC ₅₀ & Target	Human Endogenous Metabolite
In Vivo	The extracellular dopamine (DA) metabolite 3-methoxytyramine (3-MT) induces significant behavioral activation in dopamine-deficient DAT-KO (DDD) mice. 3-Methoxytyramine induces behavioral activation and intracellular signaling in the striatum of DA deficient mice ^[1] .

REFERENCES

[1]. Sotnikova TD, et al. The dopamine metabolite 3-methoxytyramine is a neuromodulator. PLoS One. 2010 Oct 18;5(10):e13452. doi: 10.1371/journal.pone.0013452.

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

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