

Catechol O-methyltransferase, porcine liver

Cat. No.:	HY-E70007
CAS No.:	9012-25-3
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years
	In solvent -80°C 6 months
	-20°C 1 month

Catechol O-methyltransferase

BIOLOGICAL ACTIVITY

Description

Catechol O-methyltransferase, porcine liver (COMT), the magnesium-dependent transfer of methyl groups from S-adenosyl methionine to a hydroxyl group on dopamine, converting it to 3-methoxytyramine. Catechol O-methyltransferase has two forms in tissues, a soluble form (S-COMT) and a membrane-bound form (MB-COMT). Catechol O-methyltransferase is to regulate epinephrine, norepinephrine, and dopamine levels in the brain^[1].

REFERENCES

[1]. Du X, et, al. A catechol-O-methyltransferase that is essential for auditory function in mice and humans. Proc Natl Acad Sci U S A. 2008 Sep 23;105(38):14609-14.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA