



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## 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<sup>[1]</sup>.

### 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.**

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