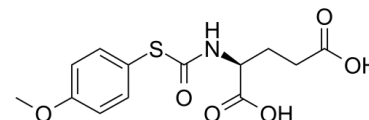


Data Sheet

Product Name:	Carboxypeptidase G2 (CPG2) Inhibitor
Cat. No.:	CS-0824
CAS No.:	192203-60-4
Molecular Formula:	C ₁₃ H ₁₅ NO ₆ S
Molecular Weight:	313.33
Target:	Carboxypeptidase
Pathway:	Metabolic Enzyme/Protease
Solubility:	H ₂ O : 1.43 mg/mL (4.56 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Carboxypeptidase G2 (CPG2) Inhibitor is a novel Carboxypeptidase G2 (CPG2) Inhibitor, Antitumor agents.

References:

- [1]. Khan, Tariq H.; Eno-Amooquaye, Eburn A.; Searle, Frances et al. Novel Inhibitors of Carboxypeptidase G2 (CPG2): Potential Use in Antibody-Directed Enzyme Prodrug Therapy. *Journal of Medicinal Chemistry* (1999), 42(6), 951-956.
- [2]. Friedlos F, Lehouritis P, Ogilvie L et al. Attenuated Salmonella targets prodrug activating enzyme carboxypeptidase G2 to mouse melanoma and human breast and colon carcinomas for effective suicide gene therapy. *Clin Cancer Res*. 2008 Jul 1;14(13):4259-66.
- [3]. Schepelmann S, Ogilvie LM, Hedley D et al. Suicide gene therapy of human colon carcinoma xenografts using an armed oncolytic adenovirus expressing carboxypeptidase G2. *Cancer Res*. 2007 May 15;67(10):4949-55.
- [4]. Schepelmann S, Hallenbeck P, Ogilvie LM et al. Systemic gene-directed enzyme prodrug therapy of hepatocellular carcinoma using a targeted adenovirus armed with carboxypeptidase G2. *Cancer Res*. 2005 Jun 15;65(12):5003-8.

CAIndexNames:

L-Glutamic acid, N-[[[4-methoxyphenyl]thio]carbonyl]-

SMILES:

O=C(SC(C=C1)=CC=C1OC)N[C@@H](CCC(O)=O)C(O)=O

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

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