

## 2-Methoxyestradiol-13C6

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	2-Methoxyestradiol-13C6 is a 13C-labeled version of 2-Methoxyestradiol. 2-Methoxyestradiol (T2220) (2-ME2) is an orally active endogenous metabolite of 17 $\beta$ -estradiol (E2) that functions as an apoptosis inducer and an angiogenesis inhibitor with significant antitumor activity. It also disrupts the stability of microtubules. Furthermore, 2-Methoxyestradiol (T2220) is a potent inhibitor of superoxide dismutase (SOD) and a promoter of reactive oxygen species generation, inducing autophagy in transformed cell line HEK293, and cancer cell lines U87 and HeLa.
Targets(IC50)	Apoptosis, Reactive Oxygen Species, Microtubule Associated, Endogenous Metabolite, Autophagy

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