

Product Name	: 9-FLUORENOL
Synonyms	: —
Cat No.	: M22199
CAS Number	: 1689-64-1
Molecular Formula	: C ₁₃ H ₁₀ O
Formula Weight	: 182.22
Chemical Name	: —
Description	9-FLUORENOL is a dopamine reuptake inhibitor with IC ₅₀ of 9 μ M, and a major metabolite of a compound developed as a wakefulness-promoting agent. Fluorenl(100 mg/kg) is reported to promote wakefulness in mice with 39% increased effectiveness over the structurally related compound, modafinil.
Pathway	: GPCR/G Protein
Target	: Dopamine Receptor
Receptor	: dopamine reuptake
Solubility	: —
SMILES	: OC2([H])c1ccccc1c3ccccc23
Storage	: (-20°C)
Stability	: \geq 2 years
Reference	:

1. Dunn D , Hostetler G, Iqbal M , et al. Wake promoting agents: Search for next generation modafinil, lessons learned: Part III[J]. Bioorganic & Medicinal Chemistry Letters, 2012, 22(11):3751-3753.