

## 5-Hydroxy-1-(4-hydroxyphenyl)-7-phenyl-3-heptanone

## Chemical Properties

CAS No. : 105955-04-2

Formula: C<sub>19</sub>H<sub>22</sub>O<sub>3</sub>

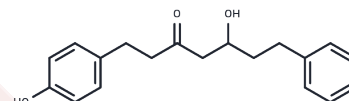
Molecular Weight: 298.38

Keep away from direct sunlight, Store at low temperature

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	5-Hydroxy-1-(4-hydroxyphenyl)-7-phenyl-3-heptanone is a linear dipthalheptane isolated from the traditional Chinese medicine Sparganii Rhizoma that significantly inhibits the proliferation and colony formation of MCF-7 and HepG2 cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3514 mL	16.7572 mL	33.5143 mL
5 mM	0.6703 mL	3.3514 mL	6.7029 mL
10 mM	0.3351 mL	1.6757 mL	3.3514 mL
50 mM	0.067 mL	0.3351 mL	0.6703 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Chang YL, et al. Anti-tumor activity and linear-diarylheptanoids of herbal couple Curcumae Rhizoma-Sparganii Rhizoma and the single herbs. J Ethnopharmacol. 2020 Mar 25;250:112465.

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