

Mitotane

Catalog No: tcsc1500



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

53-19-0

Formula:

$C_{14}H_{10}Cl_4$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 100 mg/mL (312.46 mM)

Alternative Names:

2,4'-DDD;o,p'-DDD

Observed Molecular Weight:

320.04

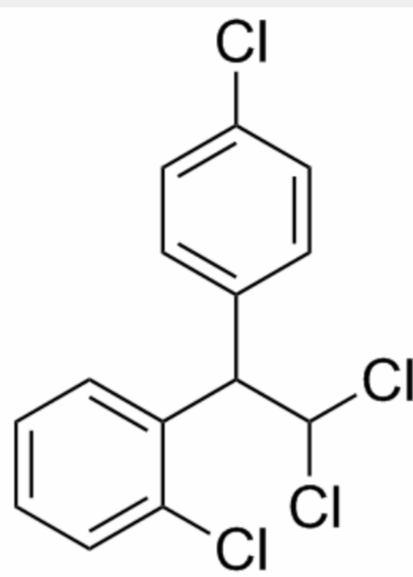
Product Description

Mitotane(2,4'-DDD), an isomer of DDD and derivative of DDT, is an antineoplastic medication used in the treatment of adrenocortical carcinoma.

IC50 value:

Target:

Mitotane alters steroid peripheral metabolism, directly suppresses the adrenal cortex and alters cortisone metabolism leading to hypocortisolism. Side effects as reported by Schteinberg et al. include anorexia and nausea (88%), diarrhea (38%), vomiting (23%), decreased memory and ability to concentrate (50%), rash (23%), gynecomastia (50%), arthralgia (19%), and leukopenia (7%).



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