
Product Data Sheet

Product Name: Anitrazafen (LY 122512)

Cat. No.: GC31859

Chemical Properties

Cas. No. 63119-27-7

SMILES CC1=NC(C2=CC=C(OC)C=C2)=C(C3=CC=C(OC)C=C3)N=N1Formula C₁₈H₁₇N₃O₂ M.Wt 307.35

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Protocol****Animal experiment:**

Male albino rats (200 to 250 g) are fasted for 24 h before experiment. [3-14C]Anitrazafen (25 mg/kg) is administered orally to twelve rats. At specific times after dosing, three animals are killed by decapitation and samples of blood and appropriate tissues are removed. Duplicate weighed samples of blood and each tissue are removed for 14C assay[1].

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

References:

[1]. Sullivan HR, et al.
Absorption and
metabolism of anitrazafen,
a topically effective anti-
inflammatory agent, in the
rat. Xenobiotica. 1981
Jan;11(1):9-22.

Background

Anitrazafen is a topically effective antiinflammatory agent.

Anitrazafen is a topically effective antiinflammatory agent. The disposition of ¹⁴C in normal and in bile-duct cannulated rats after oral administration of a single dose of 25 mg/kg of [3-¹⁴C]Anitrazafen shows the drug to be well absorbed from the gastrointestinal tract and biliary excretion to be the major route of elimination of drug and/or metabolites. Plasma concentrations of total ¹⁴C after subcutaneous administration of [3-¹⁴C]Anitrazafen in corn oil solution are about one half those found after oral administration[1].

[1]. Sullivan HR, et al. Absorption and metabolism of anitrazafen, a topically effective anti-inflammatory agent, in the rat. Xenobiotica. 1981 Jan;11(1):9-22.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA