
Product Data Sheet

Product Name: Albendazole D3

Cat. No.: GC35276

Chemical Properties

Cas. No. 1353867-92-1

SMILES O=C(OC([2H])([2H])[2H])NC1=NC2=CC=C(SCCC)C=C2N1Formula C12H12D3N3O2S

M.Wt 268.35

Solubility DMSO : 20 mg/mL (74.53 mM; Need ultrasonic); H₂O : 0.67 mg/mL (2.50 mM; Need ultrasonic)Store
Storage 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 **Background**

Albendazole D3 is the deuterium labeled Albendazole, which is a member of the benzimidazole compounds used as a drug indicated for the treatment of a variety of worm infestations[1].

[1]. Theodorides V], et al. Anthelmintic activity of albendazole against liver flukes, tapeworms., lung and gastrointestinal roundworms. *Experientia*. 1976 Jun 15;32(6):702-3.

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

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