

Benzyl selenocyanate Biochemical

Benzyl selenocyanate

CATALOG #
AAA228728

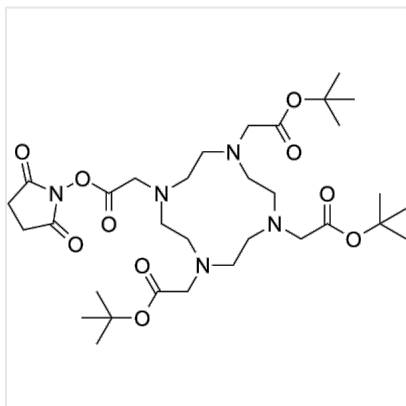
PRODUCT SYNONYMS

Benzyl selenocyanate; Benzyl selenocyanate biochemical

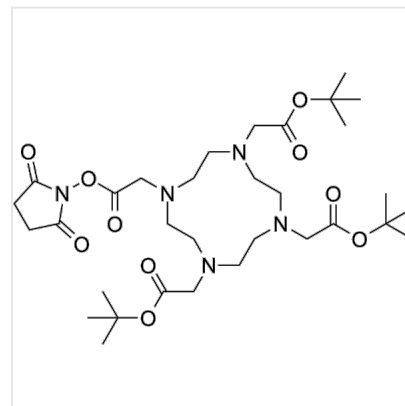
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	4671-93-6
Targets&IC50	Mtase:8.4 uM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Benzyl selenocyanate inhibits the activity of DNA (cytosine-5)-methyltransferase (Mtase) in a concentration-dependent manner[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
DOTA-tris(tBu)ester NHS ester, CAS 819869-77-7



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ADDITIONAL INFORMATION

Related Product Information for Benzyl selenocyanate biochemical	Benzyl selenocyanate is a chemopreventive agent for various chemically induced tumors in animal models at both the initiation and postinitiation stages. Benzyl selenocyanate is an inhibitor of DNA (cytosine-5)-methyltransferase (Mtase), with an with an IC 50 of 8.4 uM.
References	1. Wängler C, et, al. Improved syntheses and applicability of different DOTA building blocks for multiply derivatized scaffolds. Bioorg Med Chem. 2008 Mar 1; 16(5): 2606-16.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

