PARG Inhibitor PDD00017273

Cat. No. GTX02570

Package
1 mg

PRODUCT

Summary

Human poly(ADP-ribose) glycohydrolase (PARG) inhibitor for in vitro studies. Inhibits human recombinant PARG enzymes (IC_{50}=26nM) and PARG in cell assays (IC_{50}=37nM). Inactive against related glycohydrolases ARH3 and PARP1s (IC_{50}>30µM). Showed no cytotoxicity (IC_{50}0>30µM). Poly(ADP ribose) glycohydrolase (PARG) is a critical component in the repair of single strand DNA breaks and therefore a target in cancer cells. PARG counteracts the function of the ARTD family of poly(ADP ribose) polymerases (known as PARPs) by efficiently catalysing the hydrolysis of O-glycosidic linkages of ADP-ribose polymer, thereby reversing the effects of PARPs.
CAS No. : 1945950-21-9
Appearance : White to off-white solid
Formula : $C_{23}H_{26}N_6O_4S_2$
Molecular weight : 514.6

Properties

Form	Lyophilized powder
Buffer	Soluble in DMSO (10mg/ml), methanol or acetonitrile (1mg/ml)
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Purity	> 98% (HPLC); ^{i}H-NMR (Conforms)
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

© 2018 GeneTex Inc. All rights reserved.