

Product datasheet

SCR7 pyrazine, NHEJ inhibitor ab222375

Overview

Product name	SCR7 pyrazine, NHEJ inhibitor
Description	Small molecule NHEJ inhibitor
Biological description	Small molecule nonhomologous end-joining (NHEJ) inhibitor. SCR7 analog. Enhances CRISPR-Cas9-mediated homology-directed repair (HDR) efficiency <i>in vitro</i> .
Purity	> 98%
General notes	This product is manufactured by BioVision, an Abcam company and was previously called B1119 SCR7 pyrazine. B1119-25 is the same size as the 25 mg size of ab222375.
CAS Number	14892-97-8

Properties

Chemical name	2,3-Dihydro-6,7-diphenyl-2-thioxo-4(1 <i>H</i>)-pteridinone
Molecular weight	332.38
Molecular formula	C ₁₈ H ₁₂ N ₄ OS
PubChem identifier	10688007
Storage instructions	Shipped at 4°C. Store at -20°C long term. Store In the Dark. Store under desiccating conditions.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 20 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>C1=CC=C(C=C1)C2=NC3=C(NC(=S)NC3=O)N=C2C4=CC=CC=C4</chem>
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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