

**Product Name:** HaXS8

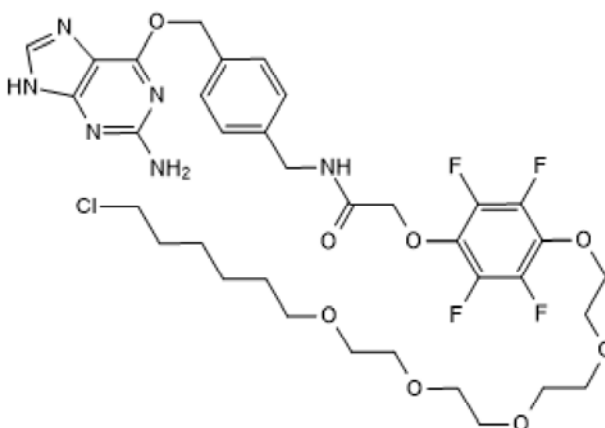
**Catalog No.:** 4991

**Batch No.:** 1

**IUPAC Name:** *N*-[[4-[[[(2-Amino-9-*H*-purin-6-yl)oxy]methyl]phenyl]methyl]-2-[4-[(18-chloro-3,6,9,12-tetraoxaoctadec-1yl)oxy]-2,3,5,6-tetrafluorophenoxy]acetamide

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>35</sub>H<sub>43</sub>ClF<sub>4</sub>N<sub>6</sub>O<sub>8</sub>  
**Batch Molecular Weight:** 787.2  
**Physical Appearance:** White solid  
**Solubility:** DMSO to 100 mM  
**Storage:** Store at -20°C  
**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**TLC:** R<sub>f</sub> = 0.5 (Dichloromethane:Methanol [9:1])  
**HPLC:** Shows 93.1% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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**Description:**

Promotes covalent and irreversible HaloTag® and SNAP-tag® substrate dimerization. Cell permeable. HaloTag is a trademark of Promega Corporation, and SNAP-tag is a trademark of New England Biolabs, Inc.

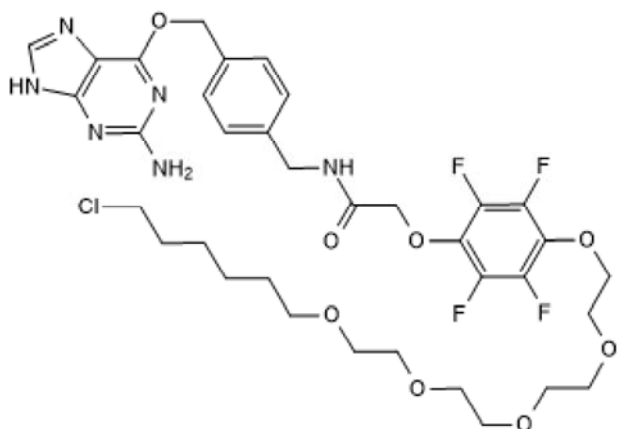
**Physical and Chemical Properties:**

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Batch Molecular Weight: 787.2

Physical Appearance: White solid

**Batch Molecular Structure:**



**Storage:** Store at -20°C

**Solubility & Usage Info:**

DMSO to 100 mM

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

**References:**

**Zimmermann *et al*** (2014) Cell-permeant and photocleavable chemical inducer of dimerization. *Angew Chem.Int.Ed.Engl.* **53** 4717. PMID: 24677313.

**Erhart *et al*** (2013) Chemical development of intracellular protein heterodimerizers. *Chem.Biol.* **20** 549. PMID: 23601644 .

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