

**Product Name:** HaXS8

**Catalog No.:** 4991

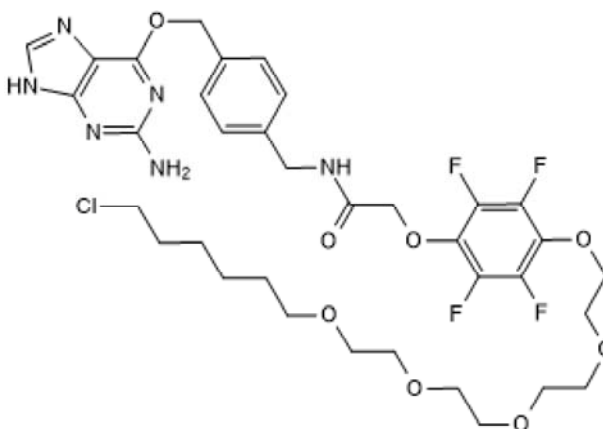
**Batch No.:** 1

CAS Number: 2080306-25-6

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

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



## 2. ANALYTICAL DATA

<b>TLC:</b>	R <sub>f</sub> = 0.5 (Dichloromethane:Methanol [9:1])
<b>HPLC:</b>	Shows 90.6% purity
<b><sup>1</sup>H NMR:</b>	Consistent with structure
<b>Mass Spectrum:</b>	Consistent with structure

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

**Product Name:** HaXS8

**Catalog No.:** 4991

**1**

CAS Number: 2080306-25-6

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

**Description:**

HaXS8 is a 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.

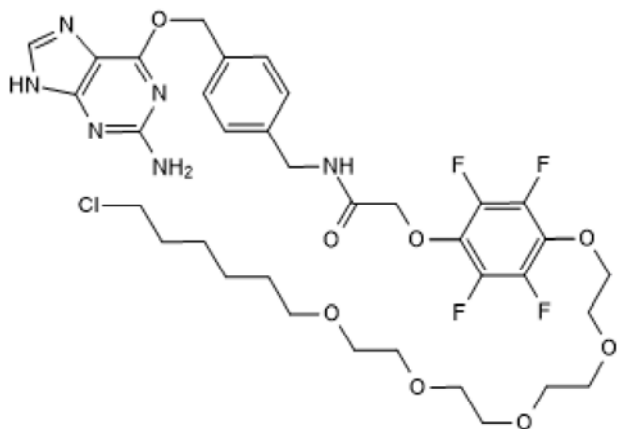
**Physical and Chemical Properties:**

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

**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 .

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

**bio-techne.com**

info@bio-techne.com  
techsupport@bio-techne.com

**North America**

Tel: (800) 343 7475

**China**

info.cn@bio-techne.com  
Tel: +86 (21) 52380373

**Europe Middle East Africa**

Tel: +44 (0)1235 529449

**Rest of World**

www.tocris.com/distributors  
Tel:+1 612 379 2956