

**Product Name:** TRAM 1

**Catalog No.:** 8121

**Batch No.:** 1

**IUPAC Name:** (R)-1-(3-(2-((3-(4-((2,4-Diaminopyrimidin-5-yl)methyl)-2,6-dimethoxyphenoxy)propyl)amino)-2-oxoethoxy)phenyl)-3-(3,4-dimethoxyphenyl)propyl (S)-1-((S)-2-(3,4,5-trimethoxyphenyl)butanoyl)piperidine-2-carboxylate

## 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** C<sub>54</sub>H<sub>68</sub>N<sub>6</sub>O<sub>13</sub>·¼H<sub>2</sub>O

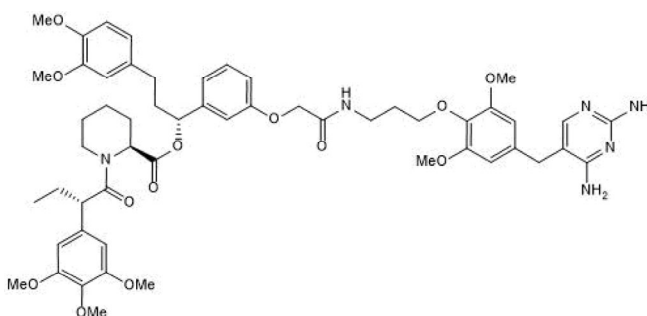
**Batch Molecular Weight:** 1013.67

**Physical Appearance:** White solid

**Solubility:** DMSO to 100 mM

**Storage:** Store at -20°C

**Batch Molecular Structure:**



## 2. ANALYTICAL DATA

**HPLC:** Shows 99.4 % purity

**<sup>1</sup>H NMR:** Consistent with structure

**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	63.98	6.81	8.29
Found	63.15	6.73	8.02

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

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**Description:**

TRAM 1 is a targeted relocalization activating molecule (TRAM) and chemical inducer of proximity for the dTAG protein FKBP12<sup>F36V</sup> and ecDHFR tags. Can be used to shuttle and redistribute proteins in live cells.

**Physical and Chemical Properties:**

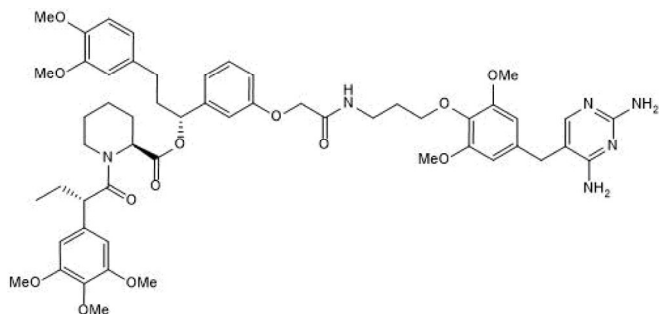
Batch Molecular Formula: C<sub>54</sub>H<sub>68</sub>N<sub>6</sub>O<sub>13</sub>·¼H<sub>2</sub>O

Batch Molecular Weight: 1013.67

Physical Appearance: White solid

**Minimum Purity:** ≥98%

**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. \*Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

**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.

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