1. PHYSICAL AND CHEMICAL PROPERTIES

   Batch Molecular Formula: \( \text{C}_{19}\text{H}_{19}\text{N}_{3}\text{O}_{2} \)
   Batch Molecular Weight: 321.37
   Physical Appearance: Yellow solid
   Solubility: DMSO to 100 mM
               ethanol to 5 mM with gentle warming
   Storage: Store at -20°C
   Batch Molecular Structure:

2. ANALYTICAL DATA

   HPLC: Shows 99.9% purity
   \(^1\)H NMR: Consistent with structure
   Mass Spectrum: Consistent with structure
   Optical Rotation: \([\alpha]_D = +250\) (Concentration = 0.22, Solvent = Methanol)
   Microanalysis:
   Carbon Hydrogen Nitrogen
   Theoretical 71.01 5.96 13.08
   Found 70.83 6.01 13.18

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

**Product Name:** PFI 3  
**Catalog No.:** 5072  
**Batch No.:** 3

**Description:**
Potent and selective polybromo 1 and SMARCA4 inhibitor (Kᵦ values are 48 and 89 nM respectively). Also inhibits SMARCA2. Displays 30-fold selectivity over other sub-family branches. Accelerates FRAP recovery in cells at a concentration of 1 μM.

**Physical and Chemical Properties:**
- **Batch Molecular Formula:** C₁₉H₁₈N₃O₂
- **Batch Molecular Weight:** 321.37
- **Physical Appearance:** Yellow solid
- **Minimum Purity:** >98%

**Storage:** Store at -20°C

**Solubility & Usage Info:**
- DMSO to 100 mM
- Ethanol to 5 mM with gentle warming

**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.

**Licensing Information:**
This probe is supplied in conjunction with the Structural Genomics Consortium. For further characterization details, please visit the PFI 3 probe summary on the SGC website.

**References:**