1. PHYSICAL AND CHEMICAL PROPERTIES

- **Batch Molecular Formula:** C\textsubscript{23}H\textsubscript{25}N\textsubscript{5}.2HCl
- **Batch Molecular Weight:** 444.41
- **Physical Appearance:** Yellow solid
- **Solubility:**
  - Ethanol to 5 mM
  - DMSO to 50 mM
- **Storage:** Desiccate at RT
- **Batch Molecular Structure:**

2. ANALYTICAL DATA

- **TLC:**
  - R\textsubscript{f} = 0.33 (Dichloromethane:Methanol [9:1])
- **HPLC:**
  - Shows 99% purity
- **\textsuperscript{1}H NMR:**
  - Consistent with structure
- **Mass Spectrum:**
  - Consistent with structure
- **Microanalysis:**
  - Carbon Hydrogen Nitrogen
    - Theoretical: 62.16 6.12 15.76
    - Found: 62.01 6.08 15.55
Product Name: SCH 79797 dihydrochloride

CAS Number: 1216720-69-2

IUPAC Name: N3-Cyclopropyl-7-[4-(1-methylethyl)phenyl]methyl]-7H-pyrrolo[3,2-f]quinazoline-1,3-diamine dihydrochloride

Description:
Potent, selective non-peptide PAR1 receptor antagonist (IC50 = 70 nM). Inhibits hTRAP-induced- but not γ-thrombin-, ADP- or collagen-induced human platelet aggregation. Also selectively blocks PAR1 agonist- or thrombin-induced increases in cytosolic Ca2+ in vascular smooth muscle cells.

Physical and Chemical Properties:
Batch Molecular Formula: C23H28N5.2HCl
Batch Molecular Weight: 444.41
Physical Appearance: Yellow solid
Minimum Purity: >99%

Storage: Desiccate at RT

Solubility & Usage Info:
ethanol to 5 mM
DMSO to 50 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: