1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: \( C_{25}H_{27}F_3N_6O_3 \)
Batch Molecular Weight: 516.52
Physical Appearance: White solid
Solubility: DMSO to 100 mM
1eq. HCl to 10 mM
ethanol to 5 mM
Storage: Store at +4°C

2. ANALYTICAL DATA

HPLC: Shows 99.1% purity
\(^1\)H NMR: Consistent with structure
Mass Spectrum: Consistent with structure
Microanalysis:

<table>
<thead>
<tr>
<th></th>
<th>Carbon</th>
<th>Hydrogen</th>
<th>Nitrogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical</td>
<td>58.13</td>
<td>5.27</td>
<td>16.27</td>
</tr>
<tr>
<td>Found</td>
<td>58.21</td>
<td>5.23</td>
<td>16.26</td>
</tr>
</tbody>
</table>
Product Name: TC-N 1752
CAS Number: 1211866-85-1
IUPAC Name: N-[2-Methyl-3-[[4-[[4-(trifluoromethoxy)phenyl]methoxy]-1-piperidinyl]-1,3,5-triazin-2-yl]amino]phenyl]acetamide

Description:
Human Na\textsubscript{v} channel inhibitor (IC\textsubscript{50} values are 0.17, 0.3, 0.4, 1.1 and 1.6 \textmu M at hNa\textsubscript{v}1.7, hNa\textsubscript{v}1.3, hNa\textsubscript{v}1.4, hNa\textsubscript{v}1.5 and hNa\textsubscript{v}1.9 respectively). Also inhibits tetrodotoxin-sensitive sodium channels. Displays analgesic efficacy in the formalin pain model.

Physical and Chemical Properties:
Batch Molecular Formula: C\textsubscript{23}H\textsubscript{27}F\textsubscript{3}N\textsubscript{6}O\textsubscript{3}
Batch Molecular Weight: 516.52
Physical Appearance: White solid
Minimum Purity: >99%

Storage: Store at +4°C
Solubility & Usage Info:
DMSO to 100 mM
1eq. HCl to 10 mM
ethanol to 5 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: