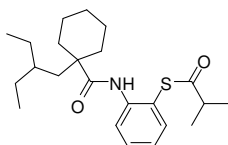




## Certificate of Analysis

**Axon Catalogue ID:** 1962 **Batch Number:** 1  
**Product Name:** Dalcetrapib  
**Alternative Name(s):** JTT 705  
**IUPAC Name:** S-2-(1-(2-Ethylbutyl)cyclohexanecarboxamido)phenyl 2-methylpropanethioate

**Structure:**



**Amount:**

**CAS number(s):** 211513-37-0  
**Molecular Formula:** C<sub>23</sub>H<sub>35</sub>NO<sub>2</sub>S **Molecular Weight:** 389.59  
**Batch Molecular Formula:** C<sub>23</sub>H<sub>35</sub>NO<sub>2</sub>S **Batch Molecular Weight:** 389.59  
**Appearance:** White solid **Observed mp:** 68 - 75 °C  
**TLC (R<sub>f</sub>):** 0.9 Hex/EtOAc (9:1)  
**Chemical Purity:** 98.8%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 70.91, H 9.06, N 3.60; Found: C 71.09, H 9.37, N 3.63  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	39.0	>100 mM	
	EtOH	30.0	77.0	

**Remarks:**

**QC Date:** 10-9-2021

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to [info@axonmedchem.com](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**