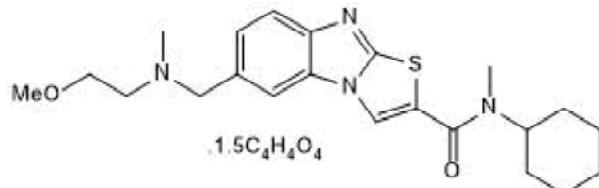


**Certificate of Analysis**[www.tocris.com](http://www.tocris.com)**Product Name:** YM 202074 sesquifumarate**Catalog No.:** 3413**Batch No.:** 1

CAS Number: 299900-84-8

IUPAC Name: *N*-Cyclohexyl-6-[[*N*-(2-methoxyethyl)-*N*-methylamino]methyl]-*N*-methylthiazolo[3,2-a]benzoimidazole-2-carboxamide sesquifumarate**1. PHYSICAL AND CHEMICAL PROPERTIES****Batch Molecular Formula:** C<sub>22</sub>H<sub>30</sub>N<sub>4</sub>O<sub>2</sub>S.1.5C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>.1/4H<sub>2</sub>O**Batch Molecular Weight:** 593.17**Physical Appearance:** White solid**Solubility:** water to 20 mM  
DMSO to 100 mM**Storage:** Store at +4°C**Batch Molecular Structure:****2. ANALYTICAL DATA****TLC:** R<sub>f</sub> = 0.12 (Ethyl acetate:Methanol [95:5])**HPLC:** Shows 98.8% purity**<sup>1</sup>H NMR:** Consistent with structure**Mass Spectrum:** Consistent with structure**Microanalysis:** Carbon Hydrogen Nitrogen

Theoretical 56.7 6.2 9.45

Found 56.65 6.36 9.05

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

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