

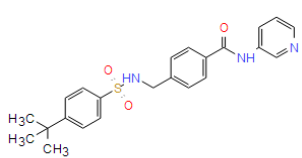
## Certificate of Analysis

Target	Inhibitors & Agonists>>Membrane Transporter/Ion Channel>>Glucose Transporter (GLUT)
Cat.No	DC8359
Name	STF-31

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## Chemical Properties

CAS	724741-75-7
Formula	C <sub>23</sub> H <sub>25</sub> N <sub>3</sub> O <sub>3</sub> S
MW	423.5
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of STF-31 is shown. It consists of a central benzene ring substituted with a tert-butyl group (-C(CH<sub>3</sub>)<sub>3</sub>) at the para position and a sulfonamide group (-SO<sub>2</sub>NH-) at the other para position. The sulfonamide nitrogen is further substituted with a benzyl group (-CH<sub>2</sub>-C<sub>6</sub>H<sub>4</sub>-C(=O)-NH-), where the benzene ring is substituted with a pyridine ring at the para position.</p>
Purity	>98%

**Website:**  
www.dcchemicals.com