

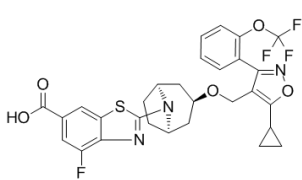
## Certificate of Analysis

Target	Inhibitors & Agonists>>Nuclear Receptor/Transcription Factor>>Farnesoid X Receptor (FXR)
Cat.No	DC10737
Name	Tropifexor (LJN452)

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## Chemical Properties

CAS	1383816-29-2
Formula	C <sub>29</sub> H <sub>25</sub> F <sub>4</sub> N <sub>3</sub> O <sub>5</sub> S
MW	603.58
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Tropifexor (LJN452) is a complex molecule. It features a central piperazine ring. One nitrogen of the piperazine is substituted with a 2-fluorophenyl group. The other nitrogen is substituted with a 2-(4-fluorophenyl)-5-hydroxythiazole-5-ylidene group. The piperazine ring is also substituted with a 2-(2,2,2-trifluoroethyl)oxyethyl group, which is further substituted with a cyclopropyl group.</p>
Purity	>98%

**Website:**  
www.dcchemicals.com