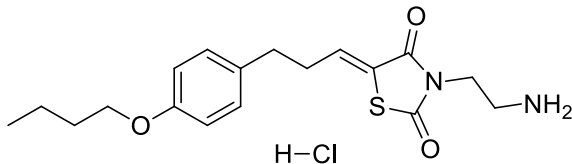




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
558222	K145 HCl salt	BBC31216

<b>Chemical name</b>	
(Z)-3-(2-aminoethyl)-5-(3-(4-butoxyphenyl)propylidene)thiazolidine-2,4-dione hydrochloride	
<b>Synonyms</b>	
K145HCl; K-145HCl; K 145 HCl	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 558222 Name: K145 HCl salt CAS#: 1449240-68-9 (HCl) Lot#: BBC31216 Chemical Formula: C <sub>18</sub> H <sub>24</sub> N <sub>2</sub> O <sub>3</sub> S Exact Mass: 348.15076 Molecular Weight: 348.46 <i>Name: K145 (free base)</i> <i>CAS#: 1309444-75-4</i> <i>Chemical Formula: C<sub>18</sub>H<sub>24</sub>N<sub>2</sub>O<sub>3</sub>S</i> <i>Exact Mass: 348.15076, Molecular Weight: 348.46</i>

Analysis item	Specifications / Results
<b>Appearance</b>	White to off-white solid powder
<b>Structure</b>	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
<b>Purity (HPLC)</b>	>99.0%
<b>Solubility</b>	Soluble in DMSO
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 5 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**