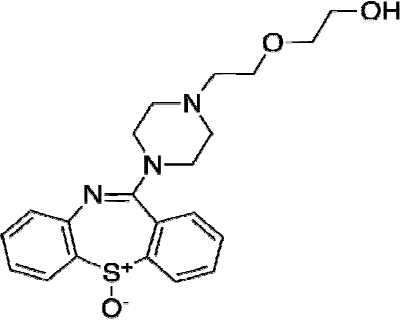


## QUETIAPINE IMPURITY S

<b>Chemical name:</b> Quetiapine-S-oxide	<b>CAS No. :</b> [329216-63-9]  <b>Structure:</b>  <p>The chemical structure shows a central benzothiazine ring system. The sulfur atom is in a sulfonium state (S<sup>+</sup>) with a negatively charged oxygen atom (O<sup>-</sup>) bonded to it. The nitrogen atom at the 2-position of the benzothiazine ring is bonded to a piperazine ring. The nitrogen atom at the 4-position of the piperazine ring is bonded to a 2-hydroxyethyl group (-CH<sub>2</sub>-CH<sub>2</sub>-OH).</p>
<b>Category :</b> Impurities / Metabolite	
<b>Molecular Formula :</b> C <sub>21</sub> H <sub>25</sub> N <sub>3</sub> O <sub>3</sub> S	
<b>Molecular Weight :</b> 399.51	
<b>Product Code :</b> RBPL-Q0101	