

## Product Information

### Compound Name

Emtricitabine Impurity 39

### Synonyms

4-amino-5-fluoro-1-[(2R,3R,5S)-2-(hydroxymethyl)-3-Oxo-1,3lambda4-oxathiolan-5-yl]-1,2-dihydropyrimidin-2-one

### Chemical Formula

C<sub>8</sub>H<sub>10</sub>O<sub>4</sub>FN<sub>3</sub>S

### Molecular Weight

263.24

### Catalogue Number

E0018.45

### Lot No.

ONE-453-09

### Long-Term Storage Conditions

2-8 °C

### Shipping Conditions

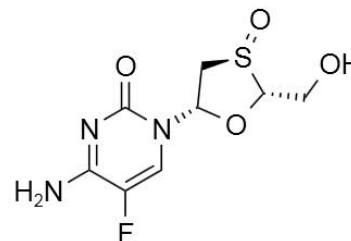
Ambient

### Appearance

White Solid

**Test Date:** Nov. 07, 2023

**Re-test Date:** Nov. 06, 2026



**CAS No. :** 2101981-64-8

## Analytical Information

### Solubility

DMSO

### Weight Loss by TGA

0.42%

### Method for Determining Identity

MS, <sup>1</sup>H NMR (DMSO-d<sub>6</sub>), IR, TGA

### Purity (HPLC)

99.53%

### Potency

99.11%

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CERTIFICATE OF ANALYSIS