

## Product Information

### Compound Name

Emtricitabine Impurity 41

### Synonyms

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

### Chemical Formula

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

### Molecular Weight

247.24

### Catalogue Number

E0018.47

### Lot No.

UAE-473-29

### Long-Term Storage Conditions

2-8°C

### Shipping Conditions

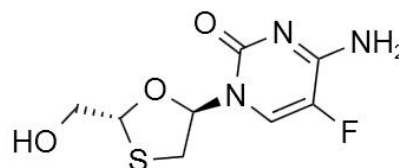
Ambient

### Appearance

Pale Yellow Solid

**Test Date:** Aug. 25, 2023

**Re-test Date:** Aug. 24, 2026



CAS No. : 145986-26-1

## Analytical Information

### Solubility

DMSO

### Weight Loss by TGA

0.35%

### Method for Determining Identity

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

### Purity (HPLC)

99.10%

### Potency

98.75%

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