

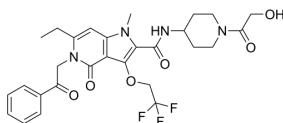
## TAK-441

Cat. No.: HY-16475  
CAS No.: 1186231-83-3  
Batch No.: 344208  
Chemical Name: 1H-Pyrrolo[3,2-c]pyridine-2-carboxamide, 6-ethyl-4,5-dihydro-N-[1-(2-hydroxyacetyl)-4-piperidinyl]-1-methyl-4-oxo-5-(2-oxo-2-phenylethyl)-3-(2,2,2-trifluoroethoxy)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>28</sub>H<sub>31</sub>F<sub>3</sub>N<sub>4</sub>O<sub>6</sub>  
Molecular Weight: 576.56  
Storage: -20°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.47%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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