

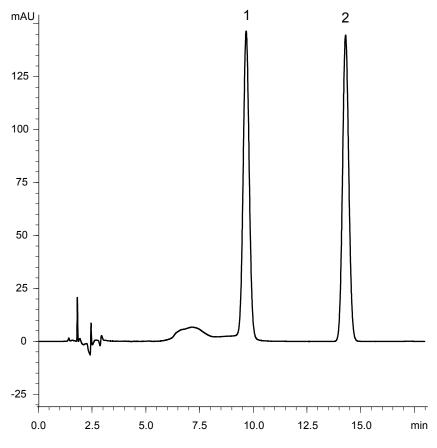
## HPLC DATA SHEET

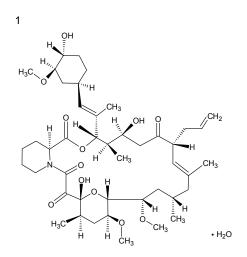
## タクロリムス水和物 (日本薬局方記載条件)

Tacrolimus hydrate (The Japanese Pharmacopoeia)

U120322D

Sample solution\* (0.5 mg/mL Tacrolimus, 0.15 mg/mL Heptyl *p*-hydroxybenzoate)





Tacrolimus hydrate

Heptyl p-hydroxybenzoate (I.S.)

	System suitability requirement	Result
Resolution (1, 2)	≧6	8.8
Relative standard deviation of the peak area ratio of 1 to 2	<b>≦</b> 1.0%	0.93%

Column : YMC-Triart C18 (5 μm, 12 nm)

150 X 4.6 mml.D.

Eluent : 2-propanol/THF/water (2/2/5)

Flow rate : 0.7 mL/min (adjust the flow rate so that the retention time of tacrolimus is about 10 min)

Temperature : 50°C

Detection : UV at 220 nm

Injection : 10 μL

(The Japanese Pharmacopoeia 16th; Assay)

<sup>\*</sup>Sample solution was prepared from Tacrolimus supplied as a reagent for laboratory use.