

Model P-1030 (A015060639)  
Date 11/1/2012 3:21:57PM

Room Temp.  
Weight  
Operator  
Organization sioc  
Sample S146602  
Comment EtOH

Mode Specific O.R.  
Light Na  
Wavelength 589nm  
Cell path 100.00 mm  
Concentration 0.4980 w/v%  
Factor 1.0000  
Blank 0.0000 deg  
Interval 5 sec  
Integration 0 sec

Average 50.1767  
S.D. 0.2549  
C.V. 0.5081%

No.	Sample No	Data	Temp.
1	1( 1/ 5)	50.442	22.7
2	1( 2/ 5)	50.241	22.7
3	1( 3/ 5)	50.281	22.7
4	1( 4/ 5)	50.161	22.7
5	1( 5/ 5)	49.759	22.7

Calcitriol (Rocaltrol) reference data:

Type	Concentration	Solvent	OROT	Wavelength	Temperature
[alpha]	0.50 g/100ml	ethanol	48 deg	589 nm	25 °C

Kabat, M. M.; Kiegiel, J.; Cohen, N.; Toth, K.; Wovkulich, P. M.; Uskokovic, M. R. Convergent Synthesis of Vitamin D<sub>3</sub> Metabolites. Control of the Stereoselectivity in Samarium-Induced Cyclopropanations of Cyclopentenes. *Journal of Organic Chemistry*. **1996**, *61*, (1), 118-124.