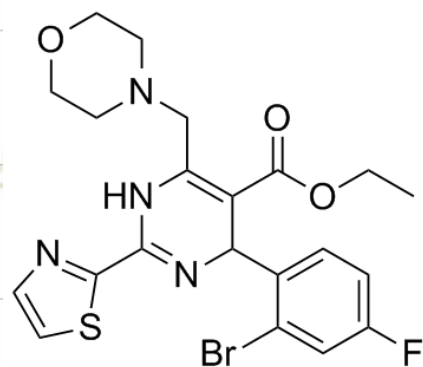


5.17/2  
1092970-12-1

# NMR Analysis for V519001 Morphothiadin; Solvent: DMSO

$^1\text{H NMR}$  (400 MHz,  $\text{DMSO}-d_6$ )  $\delta$  9.68 (s, 1H), 8.03 (d,  $J=2.9$  Hz, 1H), 7.98–7.92 (m, 1H), 7.59–7.54 (m, 1H), 7.39 (t,  $J=7.5$  Hz, 1H), 7.22 (t,  $J=7.9$  Hz, 1H), 6.03 (s, 1H), 3.95 (dt,  $J=16.9, 10.0$  Hz, 4H), 3.67 (d,  $J=4.7$  Hz, 4H), 2.59–2.53 (m, 4H), 1.06 (t,  $J=7.2$  Hz, 3H).



Product Name: Morphothiadin  
InvivoChem Cat #: V5190  
CAS #: 1092970-12-1  
Batch #: V519001  
Formula:  $\text{C}_{21}\text{H}_{22}\text{BRFN}_4\text{O}_3\text{S}$   
Molecular Weight: 509.39178609848

