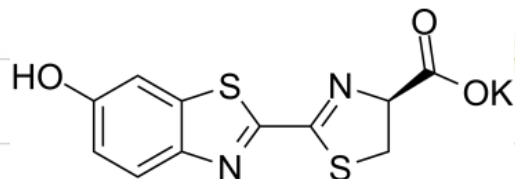


NMR Analysis for V2011601 D-Luciferin potassium; Solvent: D2O

¹H NMR (400 MHz, Deuterium Oxide) δ 7.60 (dd, *J* = 9.0, 1.7 Hz, 1H), 7.17 (d, *J* = 2.3 Hz, 1H), 6.95 (dd, *J* = 9.1, 2.3 Hz, 1H), 5.13 (dd, *J* = 10.0, 8.2 Hz, 1H), 3.74 (t, *J* = 10.5 Hz, 1H), 3.54 (dd, *J* = 11.1, 8.3 Hz, 1H).



A (dd)
7.60

B (d)
7.17

C (dd)
6.95

D (dd)
5.13

E (t)
3.74

F (dd)
3.54

Product Name: D-Luciferin potassium
InvivoChem Cat #: V20116
CAS #: 115144-35-9
Batch #: V2011601
Formula: C₁₁H₇KN₂O₃S₂
Molecular Weight: 318.4

