

DW	10	4 a
	20	5
M	30	6
10	40	7
20	50	8
30	60	9
40	70	10
50	80	11
60	90	12
70	100	1p
I	DP	2
10	10	3
20	20	4
30	30	5
40	40	6
50	50	7
60	60	8
70	70	9
80	80	10
90	90	11
100	100	12

Add water  
 Add B3A  
 2.5  
 2

1 ml DMSO  
 B3A 0.05 gm  
 TZ 4 drops (2 drops H<sub>2</sub>O)  
 Wcl 5 drops  
 B3B 0.05 gm  
 best water 7/29 248  
 best FAL = 2/29 78

1 ml DMSO  
 Add 0.05 gm B3A  
~~Add 6 drops H<sub>2</sub>O~~  
~~Add 3 drops TZ~~  
 Add 3 drops TZ  
 Add 6 drops H<sub>2</sub>O  
 Add 0.05 gm B3B

Water 7/19 = 268 1.45 ml  
 PZ = 3/29 x .02 108  
 SN 6% DMSO = 20/29 698  
 LU 6% Wcl = 6/29 218  
 SN 2/30 PZ = 1.5 ml H<sub>2</sub>O  
 DI  
 SN

50 mg  
 1 ml  
 50 g  
 55  
 100

EX  
 SSA  
 SSE .02 = 200 ppm  
 HDS  
 SHS 10%  
 PRA  
 AER  
 STR 28%

B3A solubility in DMSO at 77F is supposed to be 49%  
 .05 gm in 1 gm is 5%  
 B3B solubility in water is 69%

5/12/2020  
 niacin is soluble in dmsol at ~ 49%, 50 percent mixture starting with 20% niacin, will yield 10% when mixed with water (1% solubility)  
 niacinamide is soluble in water > 60%, can start with 40%, dilute to 20%

12/4/2019  
 5 ml DMSO 100% + 0.5 gm niacinamide > 5.4 ml  
 + 0.25 gm niacin > 5.5 ml

DMSO Mcl  
 993  
 1 ml  
 A + 0.10 gm B3A  
 = 10%  
 add 0.43 ml H<sub>2</sub>O  
 → 70%  
 → clear  
 C: + 0.05 gm B3A  
 = 5%  
 + 4 drops → clear  
 + 5 → me

1.5 gm niacin  
 + 0.6 gm wcl  
 + 1.2 gm glycerol  
 → still boy up  
 + DMSO/B3A/B3B → some  
 = still = slash  
 ← over

5 drops / 1 ml x .02  
 = 5/25 = 20% = 20.4%  
 6/26 = 23 = 23.6%  
 7/27 = 26 = 26.3%  
 4/24 = 17% = 0.34

13 drops / 60 = 21.6%  
 14 drops / 2 ml = 7%  
 + 14 drops H<sub>2</sub>O = 180 ppm  
 + 6 drops TZ = 180 ppm  
 5.9 x 28 = .019  
 = 1.00 ppm  
 + 8 drops H<sub>2</sub>O (14 total)  
 + 2 drops H<sub>2</sub>O (6 total)  
 + 4 drops TZ (6 drops)  
 + 1 ml DMSO →