

Table S1: Patient characteristics

Characteristics	AZD1222 N = 89 ¹	mRNA-1273 N = 176 ¹	p-value
Female: male	74:15	156:20	
Age	50 (39, 60)	58 (45, 67)	<0.001 ²
Diagnoses			
Sjogren's syndrome	10 (11%)	39 (22%)	
Rheumatoid arthritis	11 (12%)	23 (13%)	
Systemic lupus erythematosus	8 (9.0%)	25 (14%)	
Spondyloarthritis	10 (11%)	11 (6.3%)	
Inflammatory myopathy	1 (1.1%)	4 (2.3%)	
Systemic sclerosis	2 (2.2%)	2 (1.1%)	
Other arthritis ⁴	26 (29%)	35 (20%)	
Other CTDs ⁴	21 (24%)	37 (21%)	
Overall adverse events	16 (18%)	33 (19%)	0.9 ³
Prolonged constitutional symptoms	6 (6.7%)	2 (1.1%)	0.019 ³
Flare of autoimmune diseases	5 (5.6%)	11 (6.2%)	0.8 ³
Thromboembolism	3 (3.4%)	10 (5.7%)	0.6 ³
Herpes zoster activation	0 (0%)	10 (5.7%)	0.018 ³

¹ n (%); Median (IQR)

² Wilcoxon rank sum test

³ Fisher's exact test

⁴ Other arthritis: undifferentiated arthritis, crystal arthropathies, and osteoarthritis. Other CTD (connective tissue diseases): vasculitis, antiphospholipid syndrome, IgG4-related diseases, and autoimmune thyroid diseases.