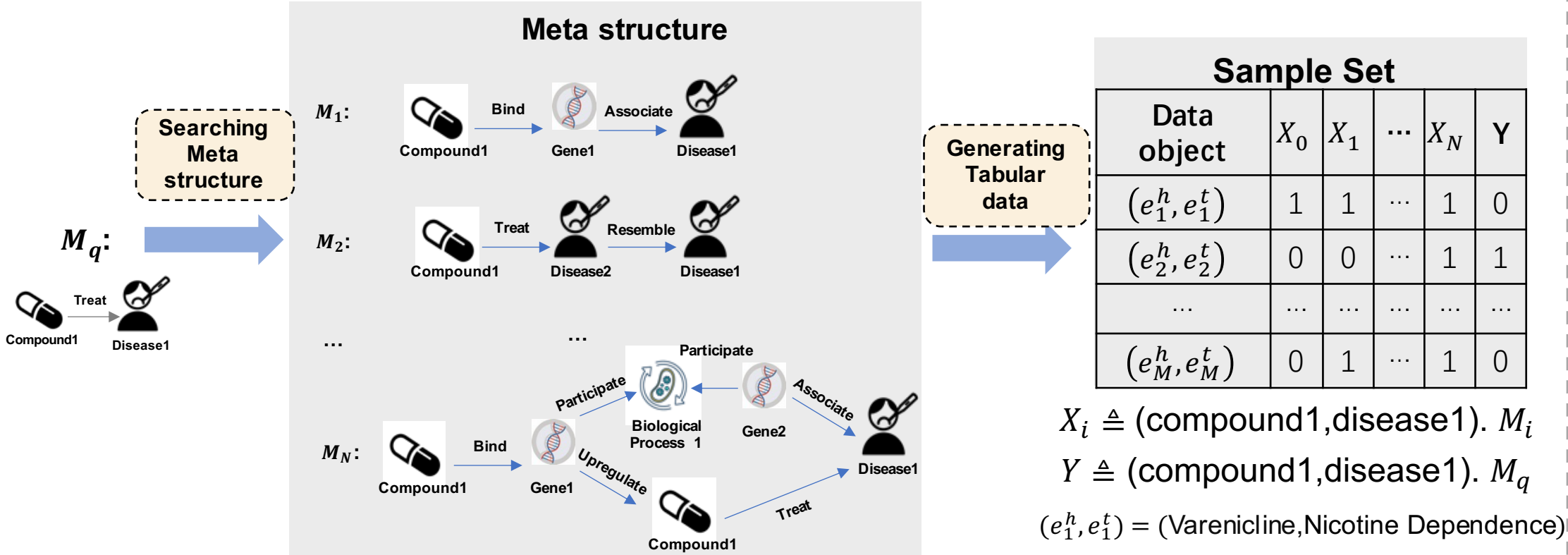

Sample Set

Data object	X_0	X_1	...	X_N	Y
(e_1^h, e_1^t)	1	1	...	1	0
(e_2^h, e_2^t)	0	0	...	1	1
...	...	...	...	...	...
(e_M^h, e_M^t)	0	1	...	1	0

$X_i \triangleq$ (compound1,disease1). M_i

$Y \triangleq$ (compound1,disease1). M_q

(e_1^h, e_1^t) = (Varenicline,Nicotine Dependence)