

The diagram illustrates a complex chemical structure, likely a protein-ligand complex. The structure is composed of several interconnected rings and chains, with atoms labeled with their respective element symbols and indices. The labels include:

- Protein backbone atoms: N_1, N_2, N_3, N_4, C_1, C_2, C_3, C_4, C_5, C_6, C_7, C_8, C_9, C_10, C_11, C_12, C_13, C_14, C_15, C_16, C_17, C_18, C_19, C_20, C_21, C_22, C_23, C_24, C_25, C_26, C_27, C_28, C_29, C_30, C_31, C_32, C_33, C_34, C_35, C_36, C_37, C_38, C_39, C_40, C_41, C_42, C_43, C_44, C_45, C_46, C_47, C_48, C_49, C_50, C_51, C_52, C_53, C_54, C_55, C_56, C_57, C_58, C_59, C_60, C_61, C_62, C_63, C_64, C_65, C_66, C_67, C_68, C_69, C_70, C_71, C_72, C_73, C_74, C_75, C_76, C_77, C_78, C_79, C_80, C_81, C_82, C_83, C_84, C_85, C_86, C_87, C_88, C_89, C_90, C_91, C_92, C_93, C_94, C_95, C_96, C_97, C_98, C_99, C_100, C_101, C_102, C_103, C_104, C_105, C_106, C_107, C_108, C_109, C_110, C_111, C_112, C_113, C_114, C_115, C_116, C_117, C_118, C_119, C_120, C_121, C_122, C_123, C_124, C_125, C_126, C_127, C_128, C_129, C_130, C_131, C_132, C_133, C_134, C_135, C_136, C_137, C_138, C_139, C_140, C_141, C_142, C_143, C_144, C_145, C_146, C_147, C_148, C_149, C_150, C_151, C_152, C_153, C_154, C_155, C_156, C_157, C_158, C_159, C_160, C_161, C_162, C_163, C_164, C_165, C_166, C_167, C_168, C_169, C_170, C_171, C_172, C_173, C_174, C_175, C_176, C_177, C_178, C_179, C_180, C_181, C_182, C_183, C_184, C_185, C_186, C_187, C_188, C_189, C_190, C_191, C_192, C_193, C_194, C_195, C_196, C_197, C_198, C_199, C_200, C_201, C_202, C_203, C_204, C_205, C_206, C_207, C_208, C_209, C_210, C_211, C_212, C_213, C_214, C_215, C_216, C_217, C_218, C_219, C_220, C_221, C_222, C_223, C_224, C_225, C_226, C_227, C_228, C_229, C_230, C_231, C_232, C_233, C_234, C_235, C_236, C_237, C_238, C_239, C_240, C_241, C_242, C_243, C_244, C_245, C_246, C_247, C_248, C_249, C_250, C_251, C_252, C_253, C_254, C_255, C_256, C_257, C_258, C_259, C_260, C_261, C_262, C_263, C_264, C_265, C_266, C_267, C_268, C_269, C_270, C_271, C_272, C_273, C_274, C_275, C_276, C_277, C_278, C_279, C_280, C_281, C_282, C_283, C_284, C_285, C_286, C_287, C_288, C_289, C_290, C_291, C_292, C_293, C_294, C_295, C_296, C_297, C_298, C_299, C_300, C_301, C_302, C_303, C_304, C_305, C_306, C_307, C_308, C_309, C_310, C_311, C_312, C_313, C_314, C_315, C_316, C_317, C_318, C_319, C_320, C_321, C_322, C_323, C_324, C_325, C_326, C_327, C_328, C_329, C_330, C_331, C_332, C_333, C_334, C_335, C_336, C_337, C_338, C_339, C_340, C_341, C_342, C_343, C_344, C_345, C_346, C_347, C_348, C_349, C_350, C_351, C_352, C_353, C_354, C_355, C_356, C_357, C_358, C_359, C_360, C_361, C_362, C_363, C_364, C_365, C_366, C_367, C_368, C_369, C_370, C_371, C_372, C_373, C_374, C_375, C_376, C_377, C_378, C_379, C_380, C_381, C_382, C_383, C_384, C_385, C_386, C_387, C_388, C_389, C_390, C_391, C_392, C_393, C_394, C_395, C_396, C_397, C_398, C_399, C_400, C_401, C_402, C_403, C_404, C_405, C_406, C_407, C_408, C_409, C_410, C_411, C_412, C_413, C_414, C_415, C_416, C_417, C_418, C_419, C_420, C_421, C_422, C_423, C_424, C_425, C_426, C_427, C_428, C_429, C_430, C_431, C_432, C_433, C_434, C_435, C_436, C_437, C_438, C_439, C_440, C_441, C_442, C_443, C_444, C_445, C_446, C_447, C_448, C_449, C_450, C_451, C_452, C_453, C_454, C_455, C_456, C_457, C_458, C_459, C_460, C_461, C_462, C_463, C_464, C_465, C_466, C_467, C_468, C_469, C_470, C_471, C_472, C_473, C_474, C_475, C_476, C_477, C_478, C_479, C_480, C_481, C_482, C_483, C_484, C_485, C_486, C_487, C_488, C_489, C_490, C_491, C_492, C_493, C_494, C_495, C_496, C_497, C_498, C_499, C_500, C_501, C_502, C_503, C_504, C_505, C_506, C_507, C_508, C_509, C_510, C_511, C_512, C_513, C_514, C_515, C_516, C_517, C_518, C_519, C_520, C_521, C_522, C_523, C_524, C_525, C_526, C_527, C_528, C_529, C_530, C_531, C_532, C_533, C_534, C_535, C_536, C_537, C_538, C_539, C_540, C_541, C_542, C_543, C_544, C_545, C_546, C_547, C_548, C_549, C_550, C_551, C_552, C_553, C_554, C_555, C_556, C_557, C_558, C_559, C_560, C_561, C_562, C_563, C_564, C_565, C_566, C_567, C_568, C_569, C_570, C_571, C_572, C_573, C_574, C_575, C_576, C_577, C_578, C_579, C_580, C_581, C_582, C_583, C_584, C_585, C_586, C_587, C_588, C_589, C_590, C_591, C_592, C_593, C_594, C_595, C_596, C_597, C_598, C_599, C_600, C_601, C_602, C_603, C_604, C_605, C_606, C_607, C_608, C_609, C_610, C_611, C_612, C_613, C_614, C_615, C_616, C_617, C_618, C_619, C_620, C_621, C_622, C_623, C_624, C_625, C_626, C_627, C_628, C_629, C_630, C_631, C_632, C_633, C_634, C_635, C_636, C_637, C_638, C_639, C_640, C_641, C_642, C_643, C_644, C_645, C_646, C_647, C_648, C_649, C_650, C_651, C_652, C_653, C_654, C_655, C_656, C_657, C_658, C_659, C_660, C_661, C_662, C_663, C_664, C_665, C_666, C_667, C_668, C_669, C_670, C_671, C_672, C_673, C_674, C_675, C_676, C_677, C_678, C_679, C_680, C_681, C_682